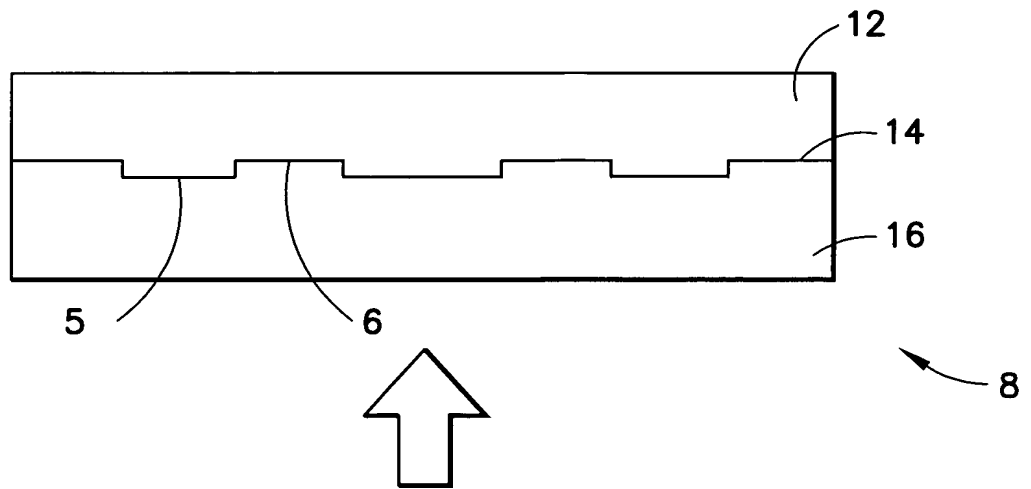
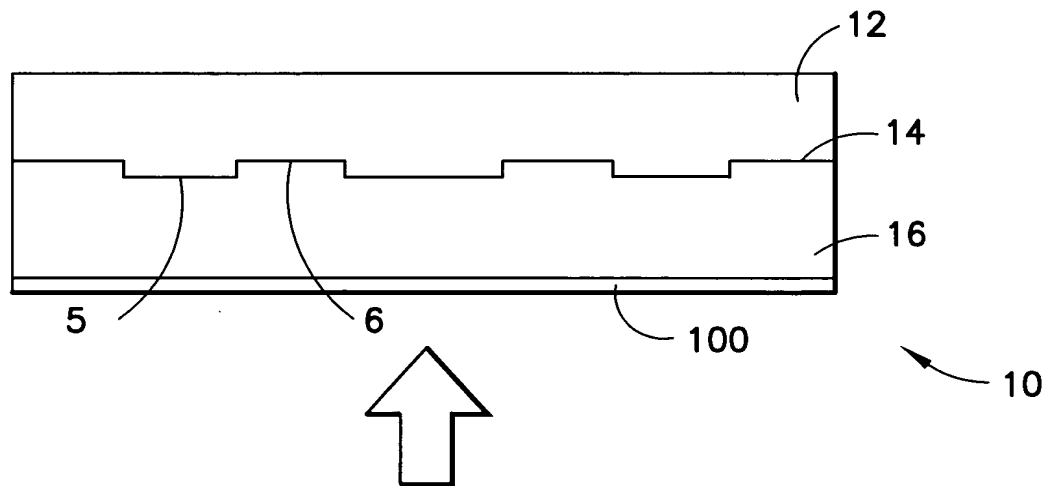




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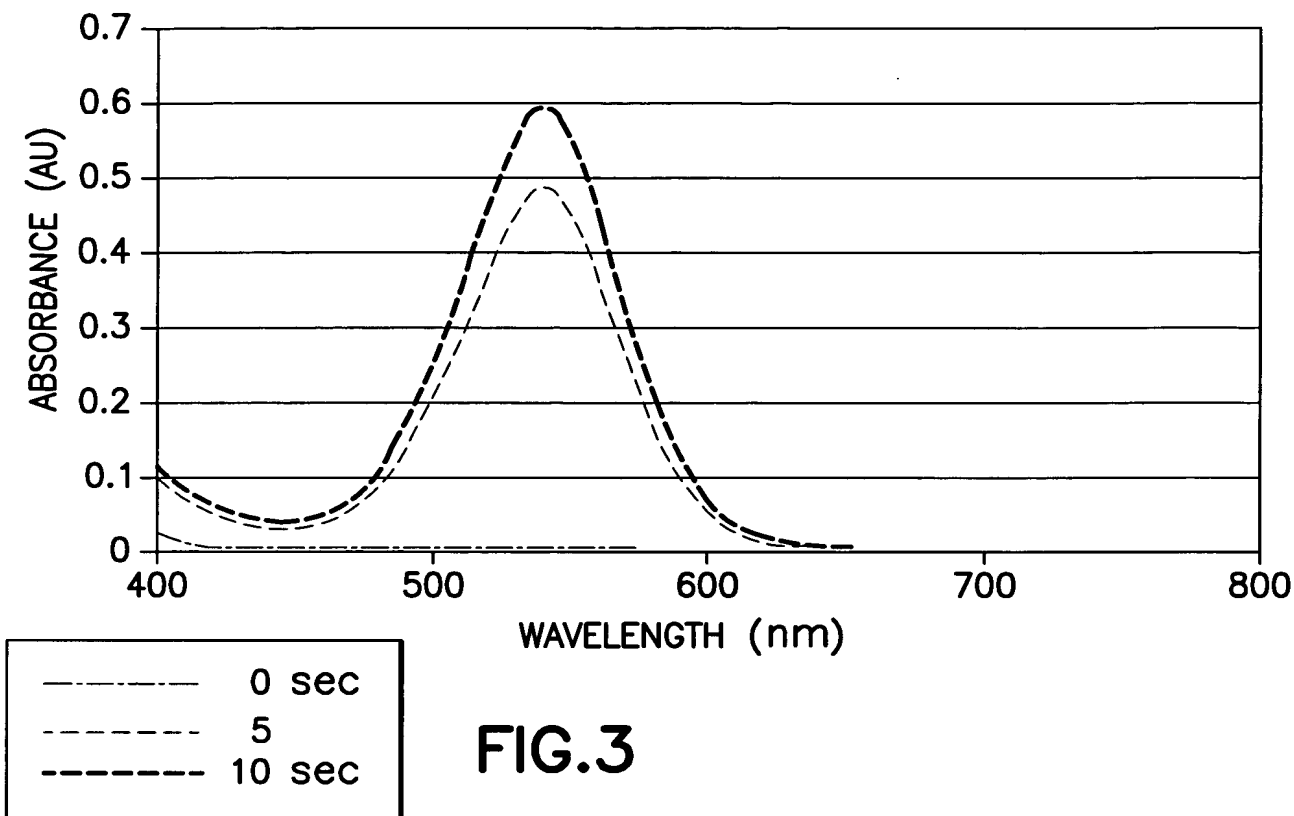
**FIG. 1**  
PRIOR ART



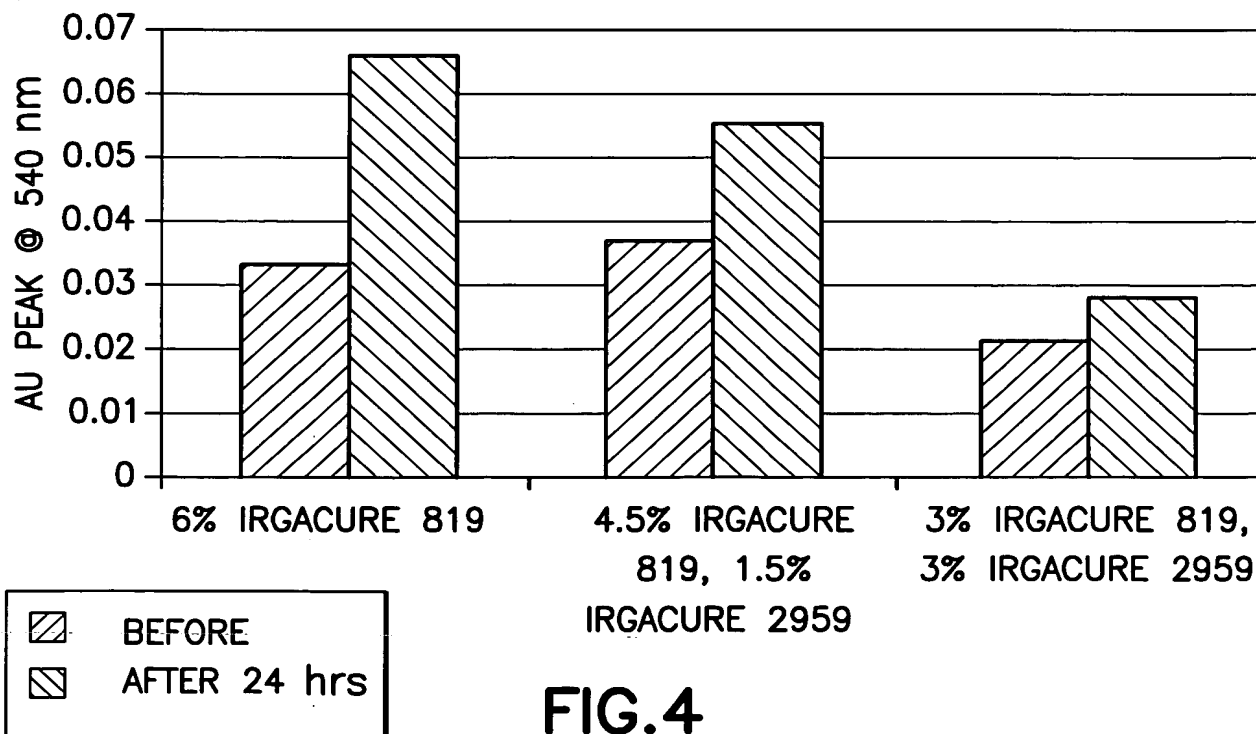
**FIG. 2**

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3% (4-PHENOXYPHENYL) DIPHENYL SULFONIUM TRIFLATE

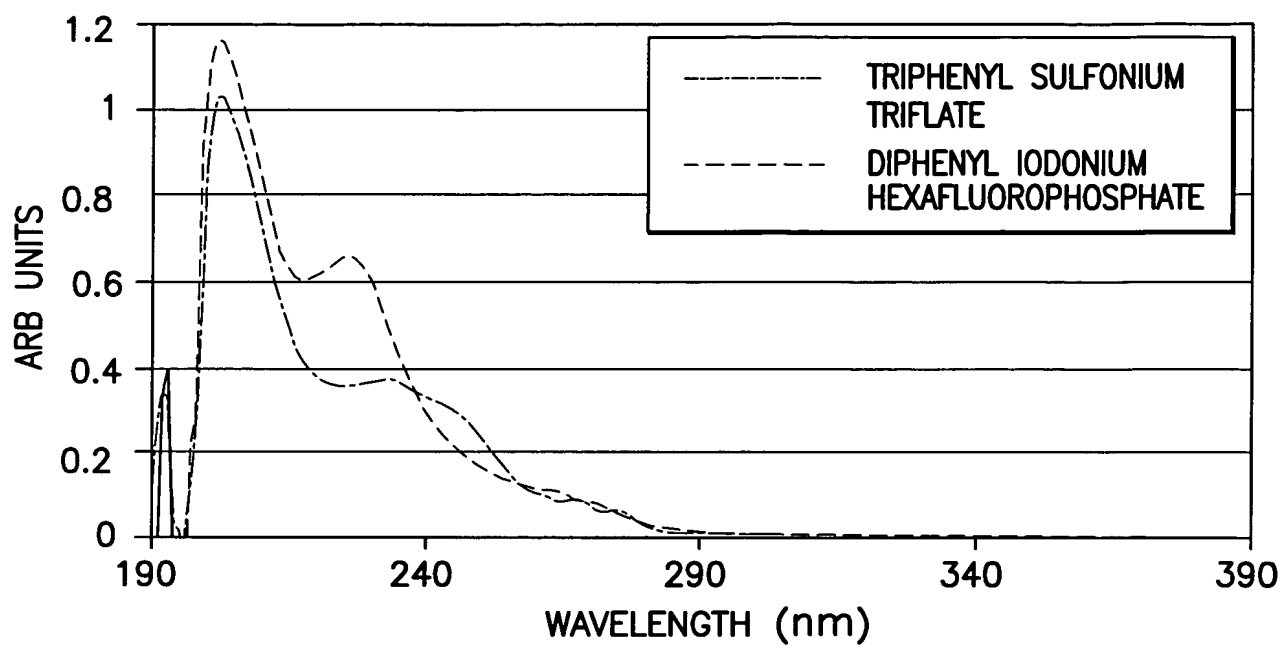


IRGACURE 819 BACKGROUND COLOR



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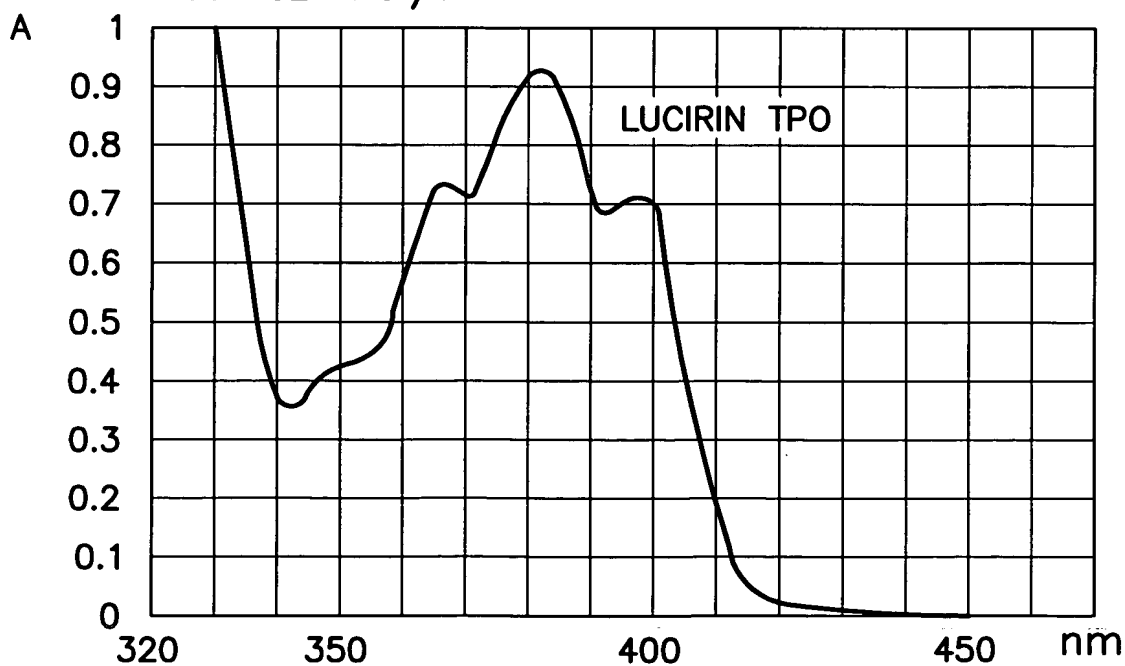
ABSORBANCE SPECTRA OF PHOTOACIDS IN METHANOL



**FIG.5**

UV-ABSORPTIONS SPEKTRUM VON LUCIRIN TPO IN TOLUOL

C=0.001 52 mol/l



**FIG.6**

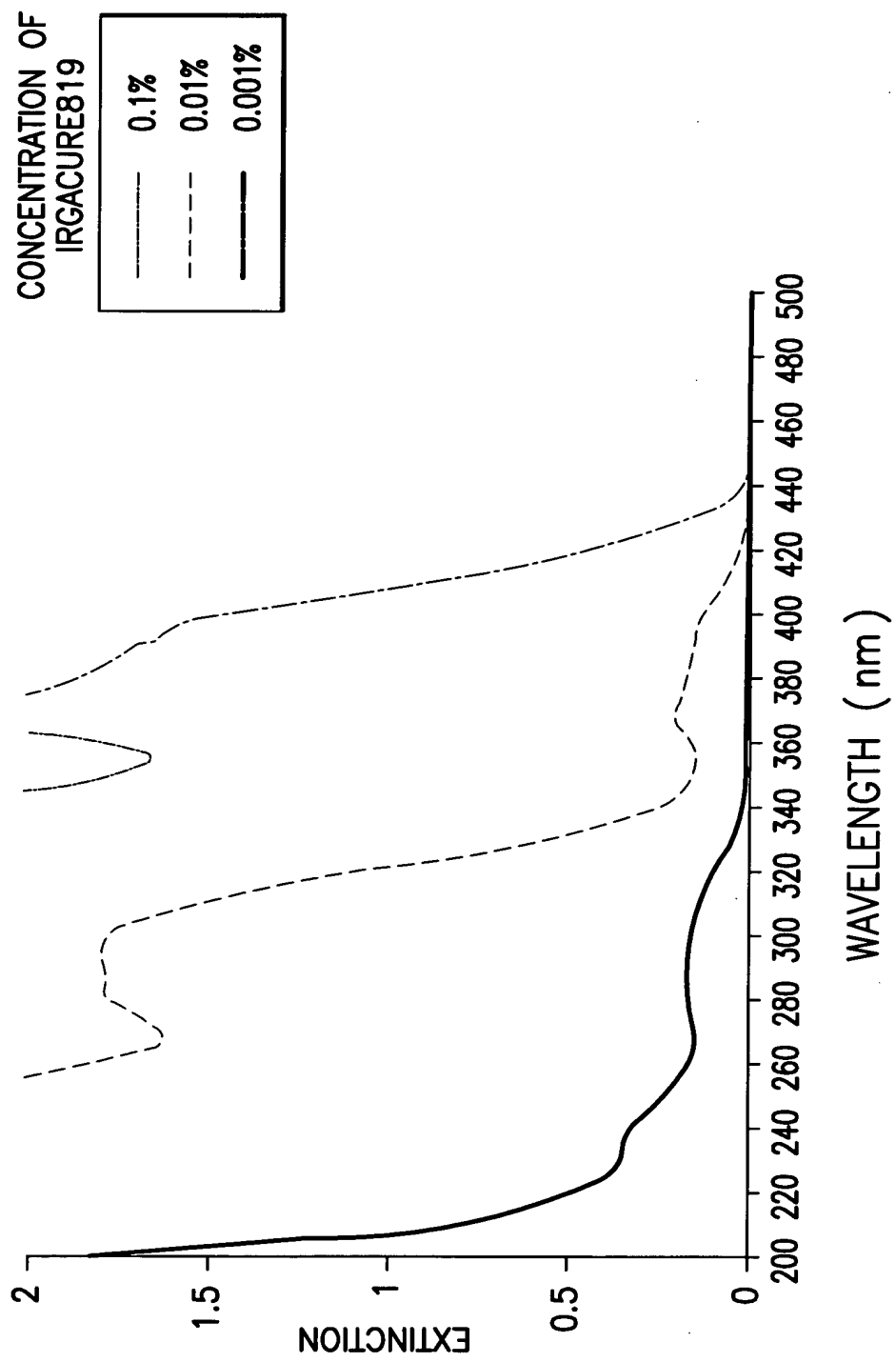


FIG.7

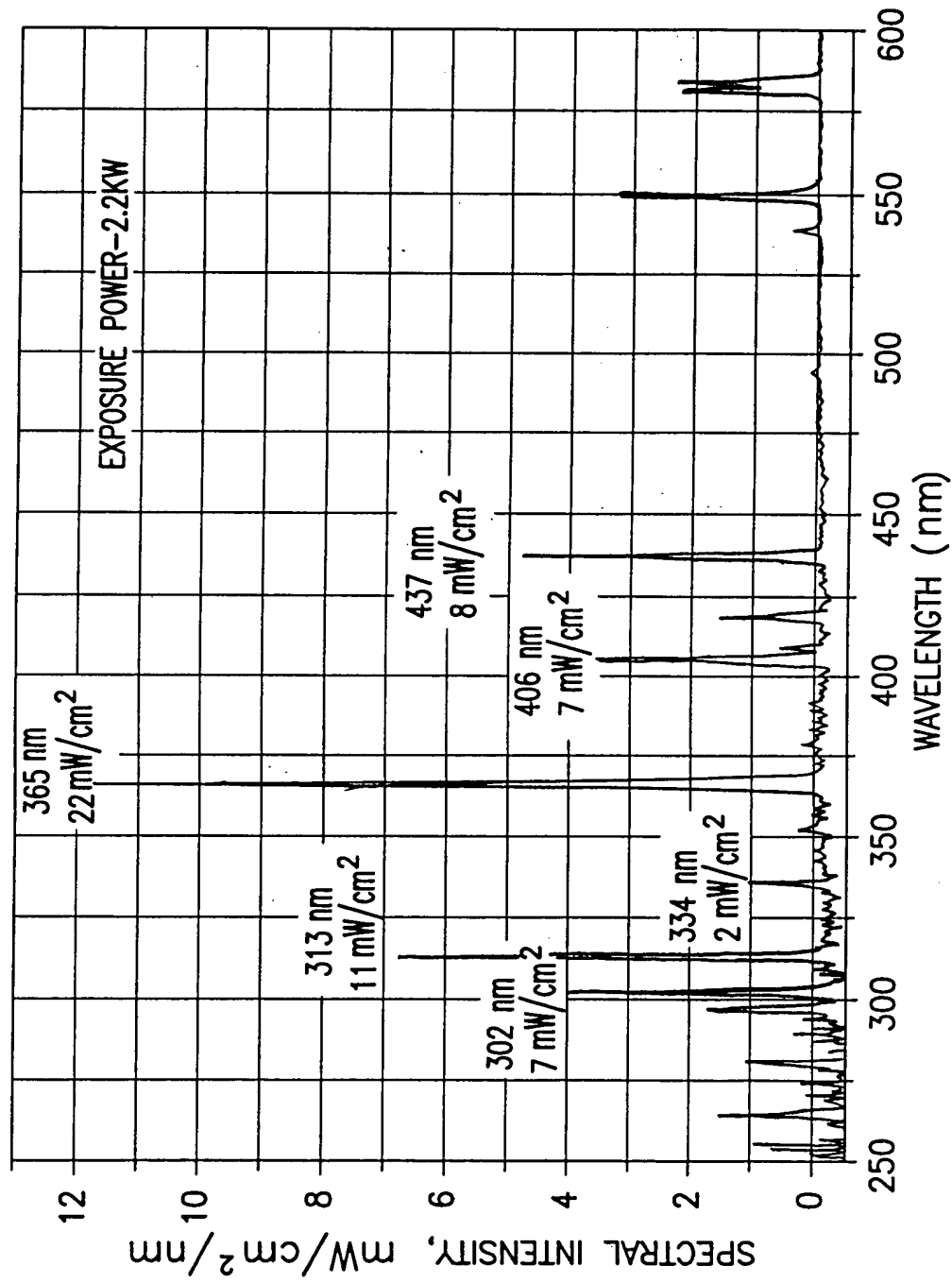
SINGULUS SKYLINE DUPLEX-MEDIUM PRESSURE IRON-DOPED LAMP

FIG.8

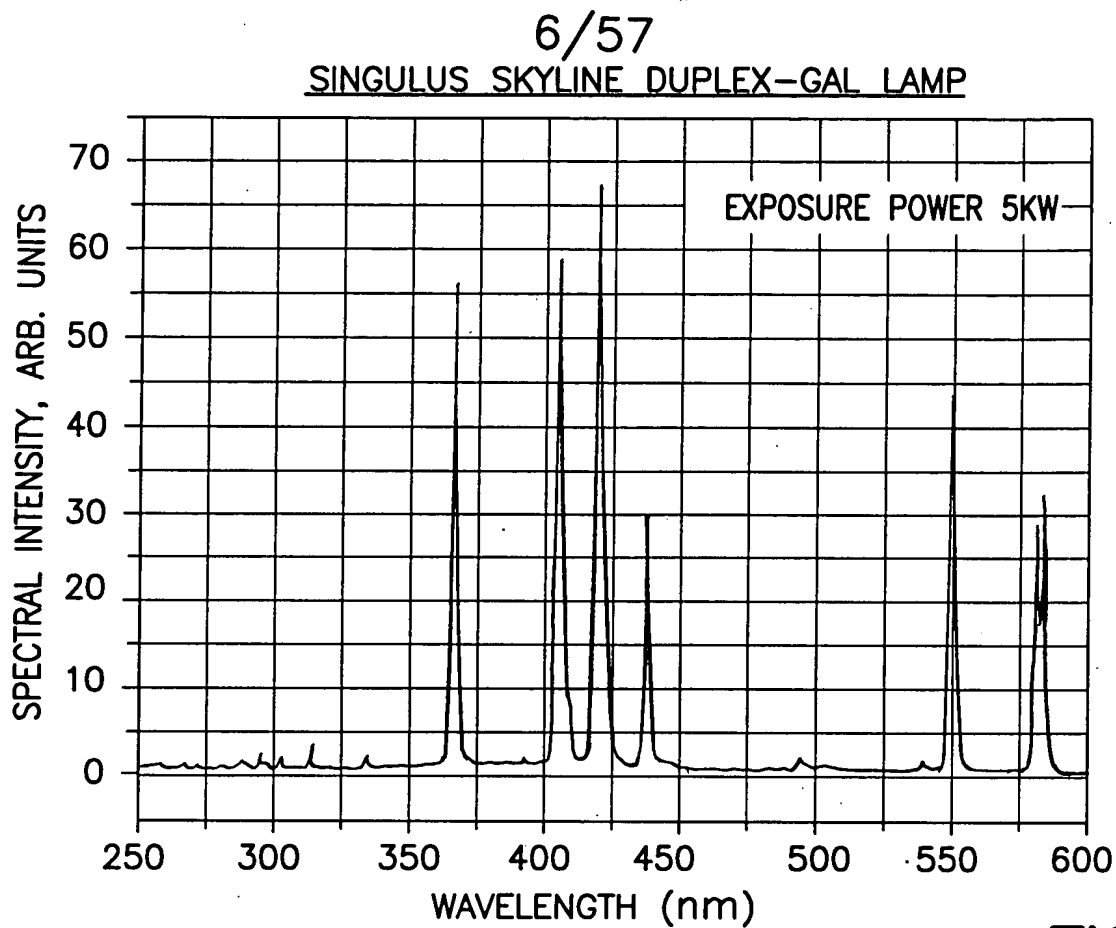


FIG.9

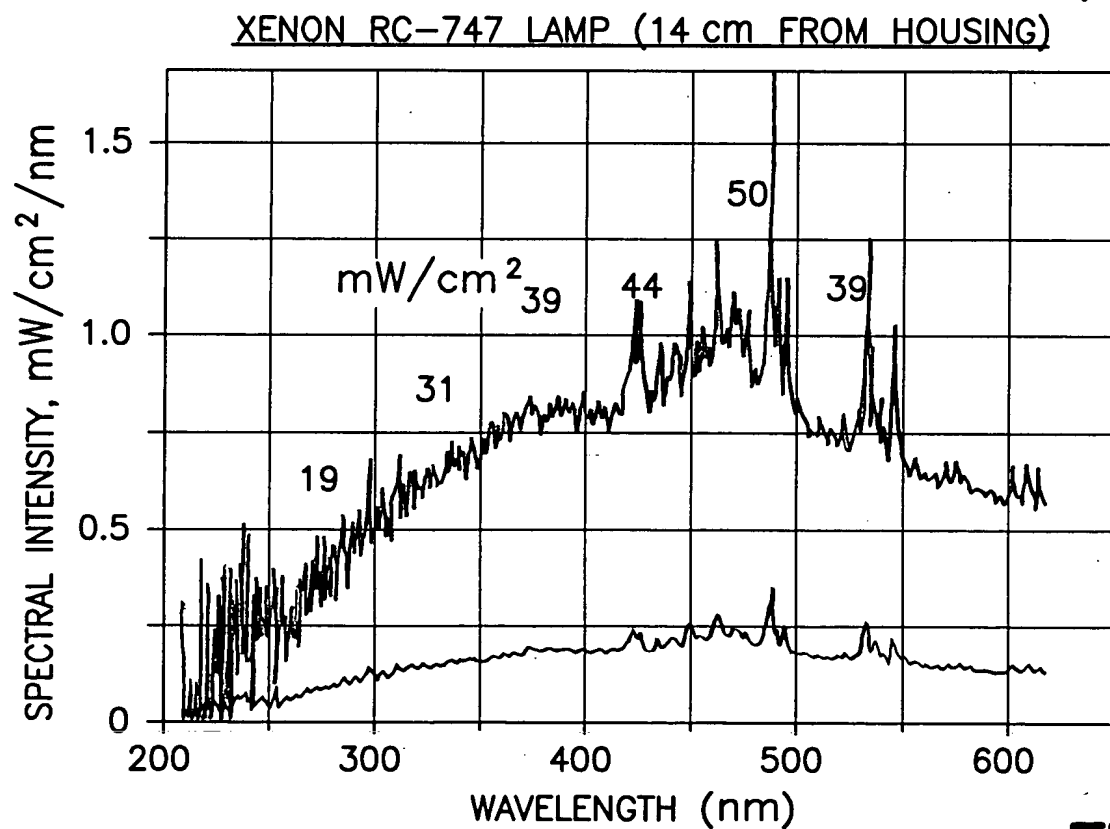
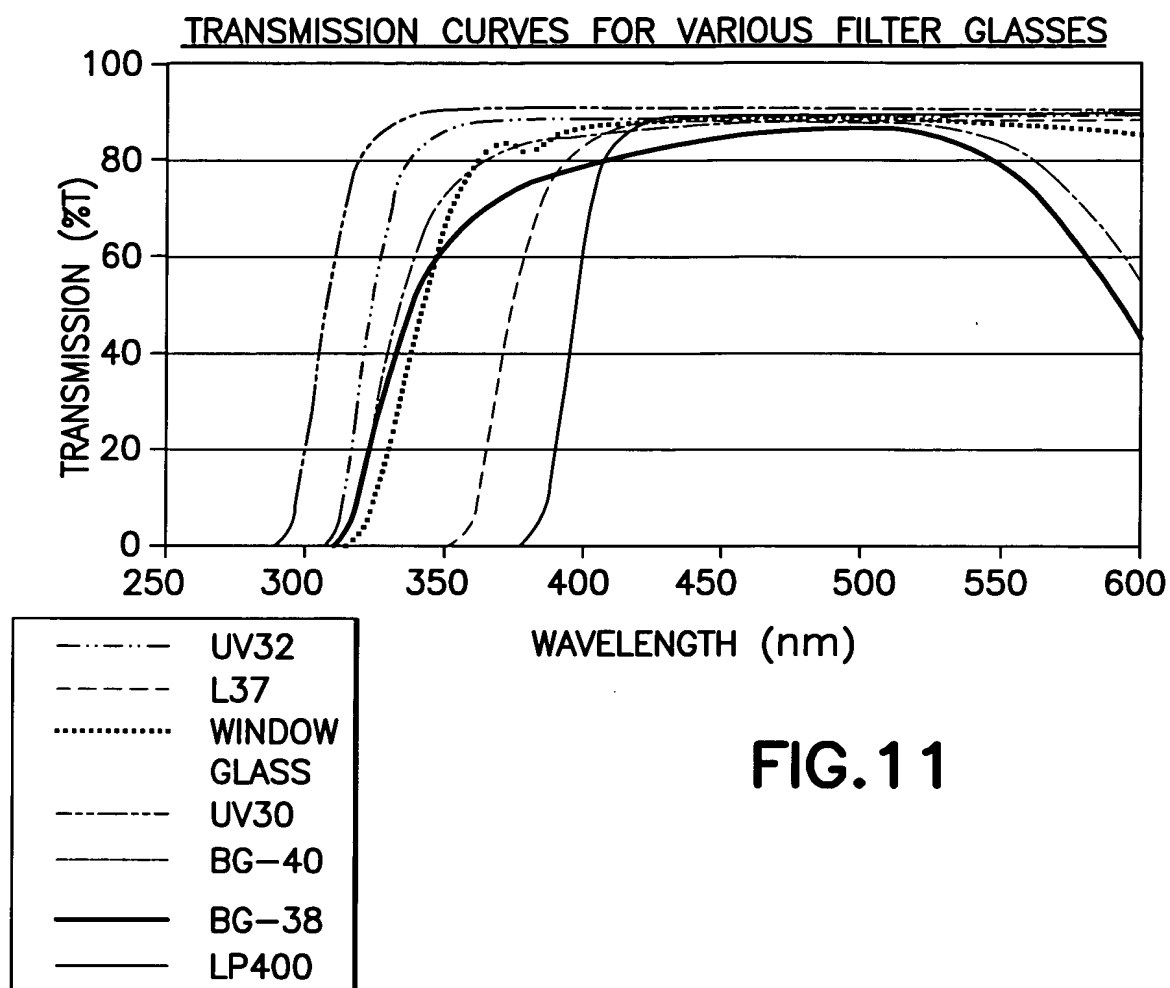
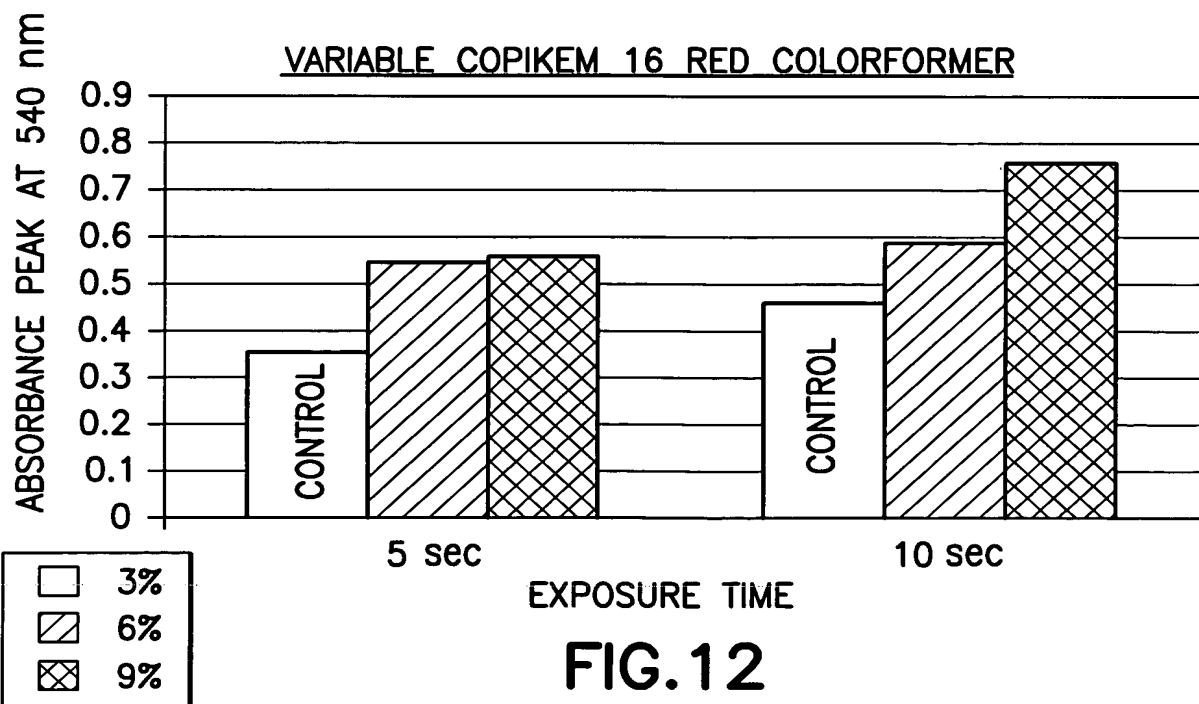


FIG.10

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**FIG.11**



**FIG.12**

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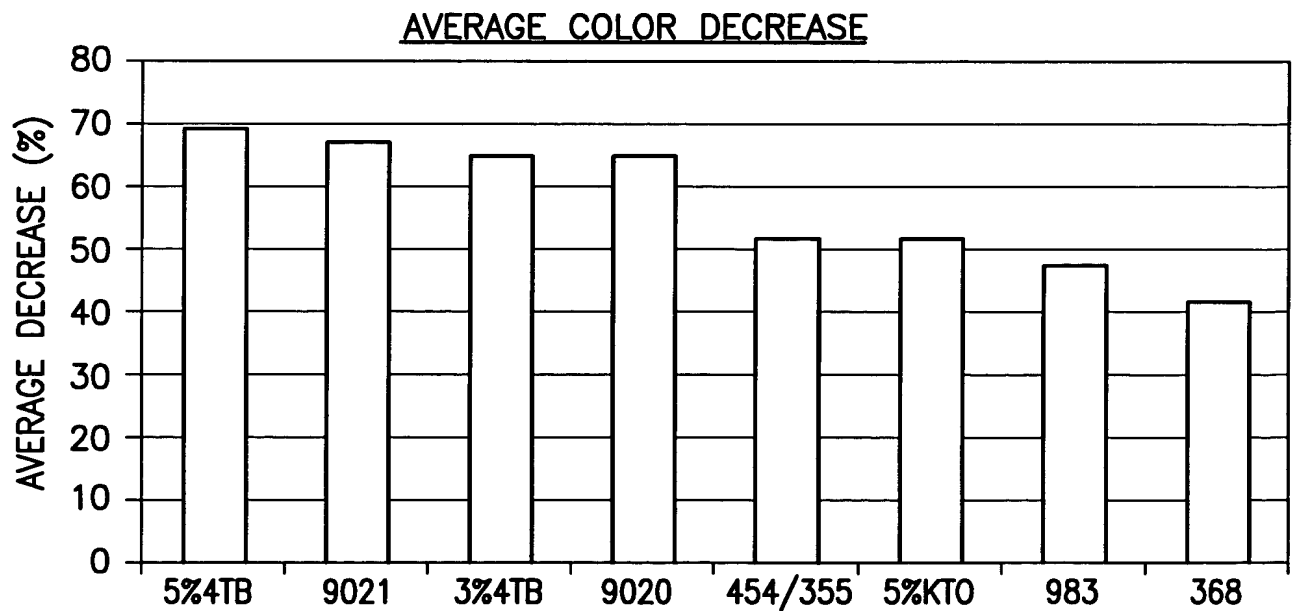
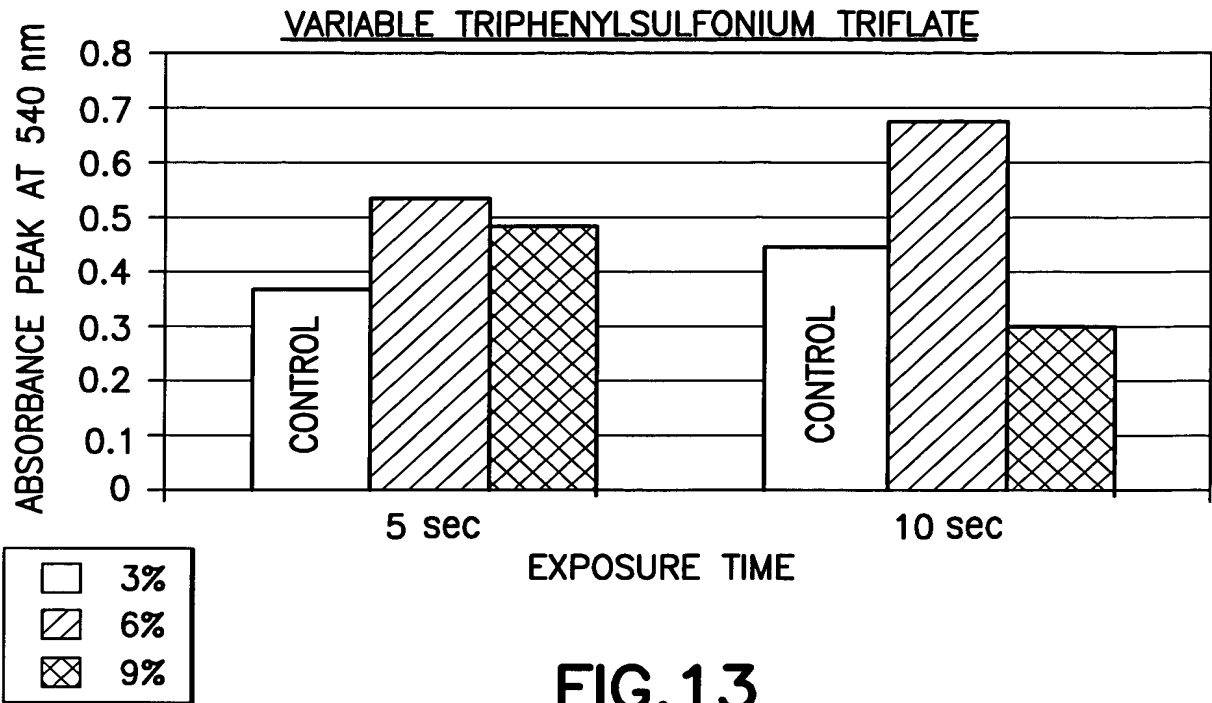
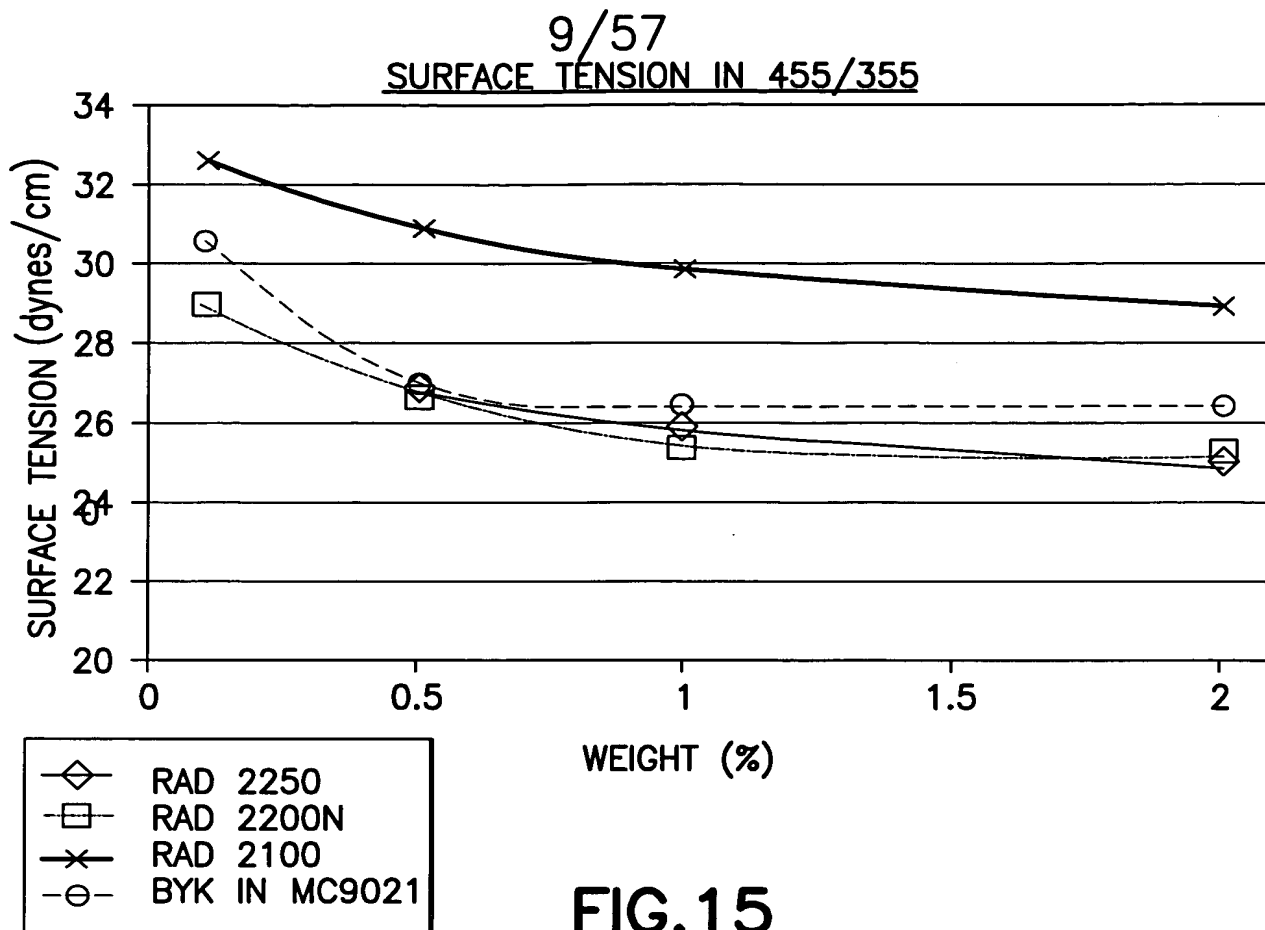
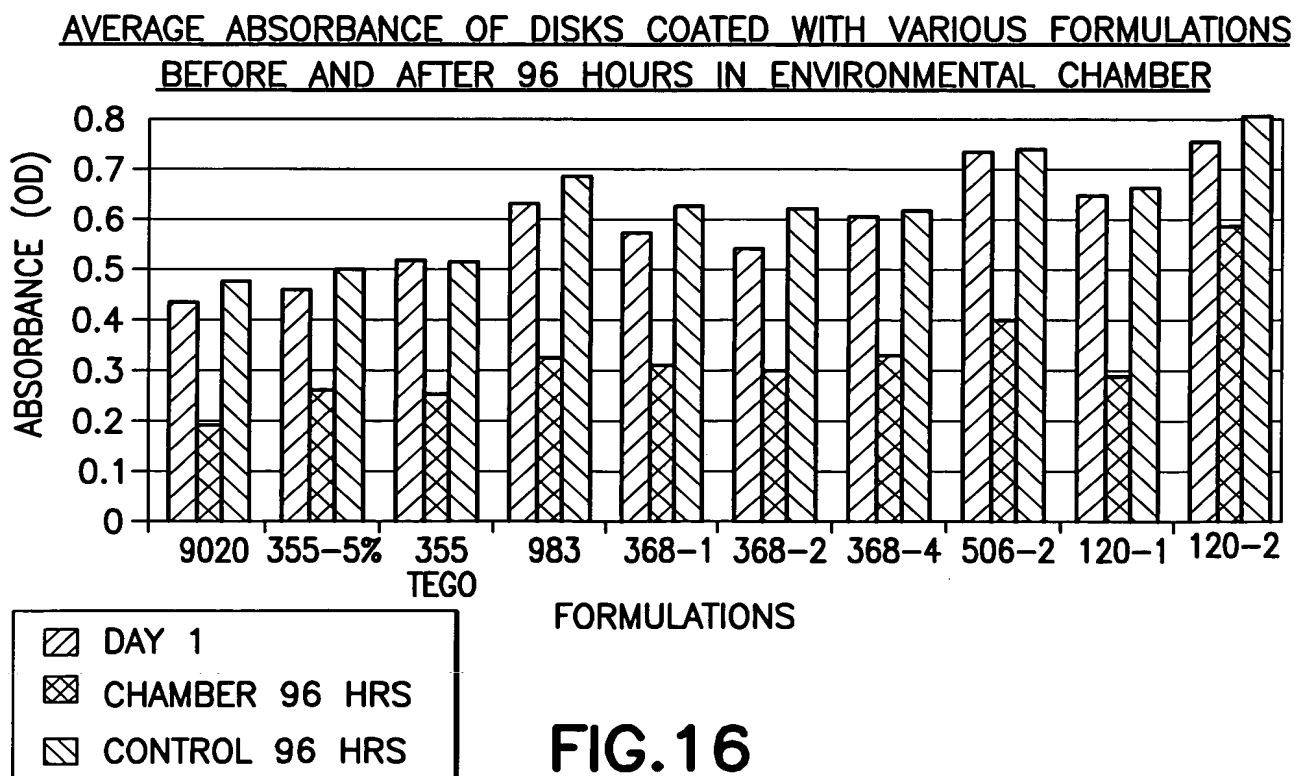


FIG.14

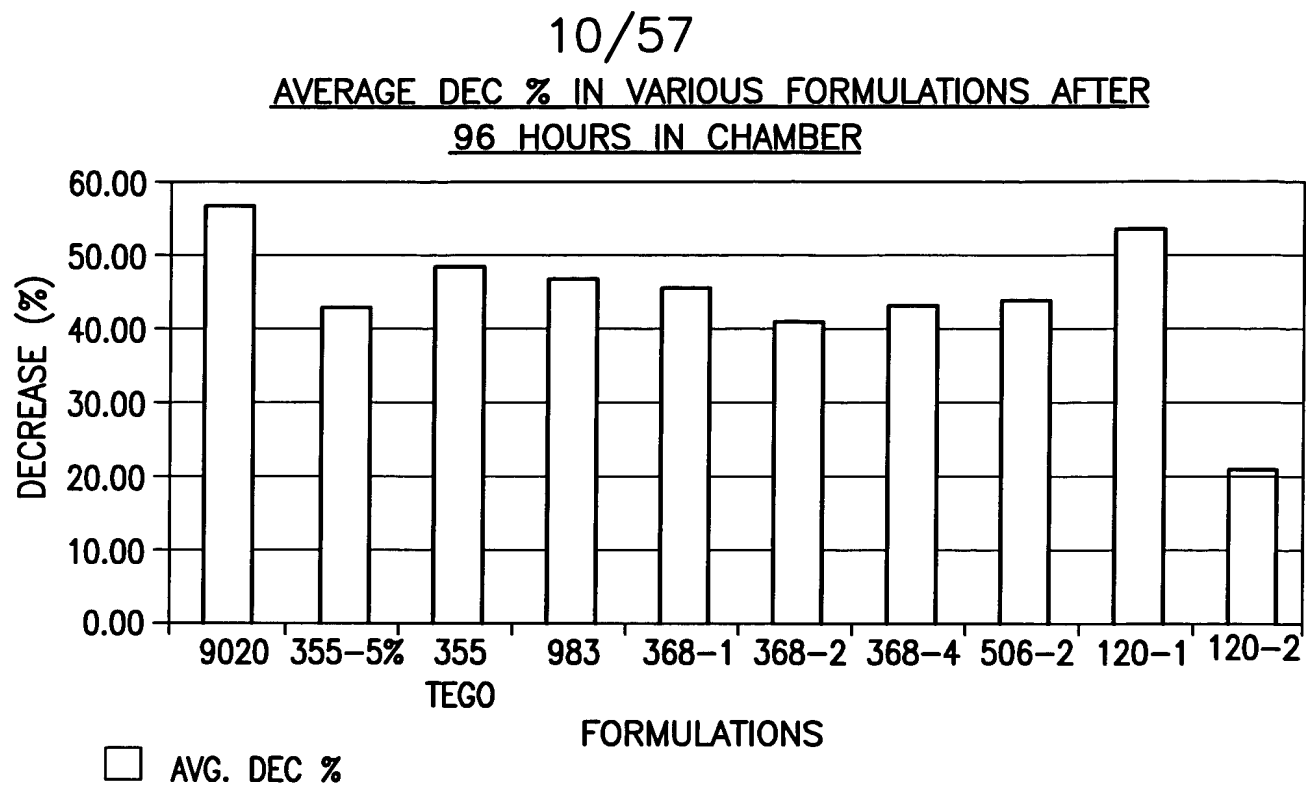




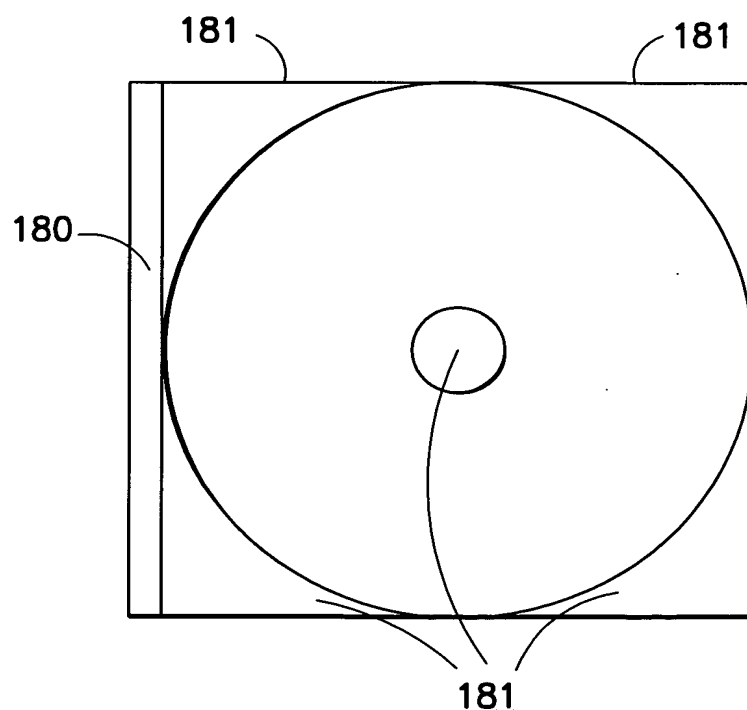
**FIG.15**



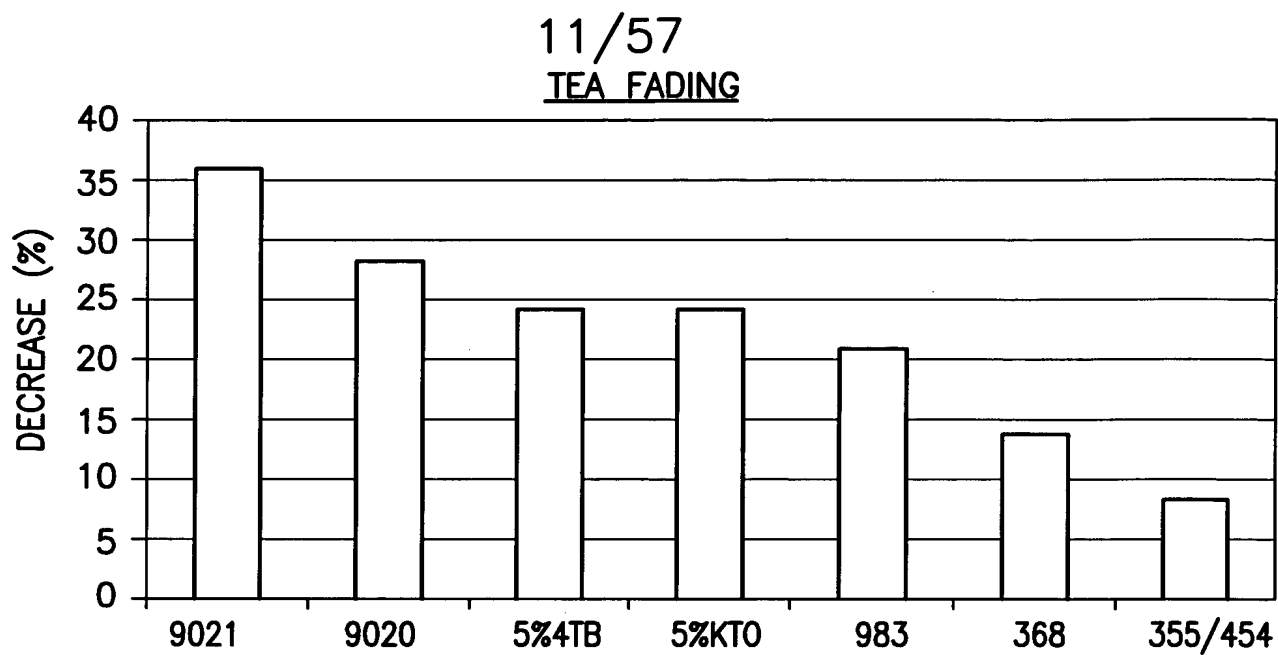
**FIG.16**



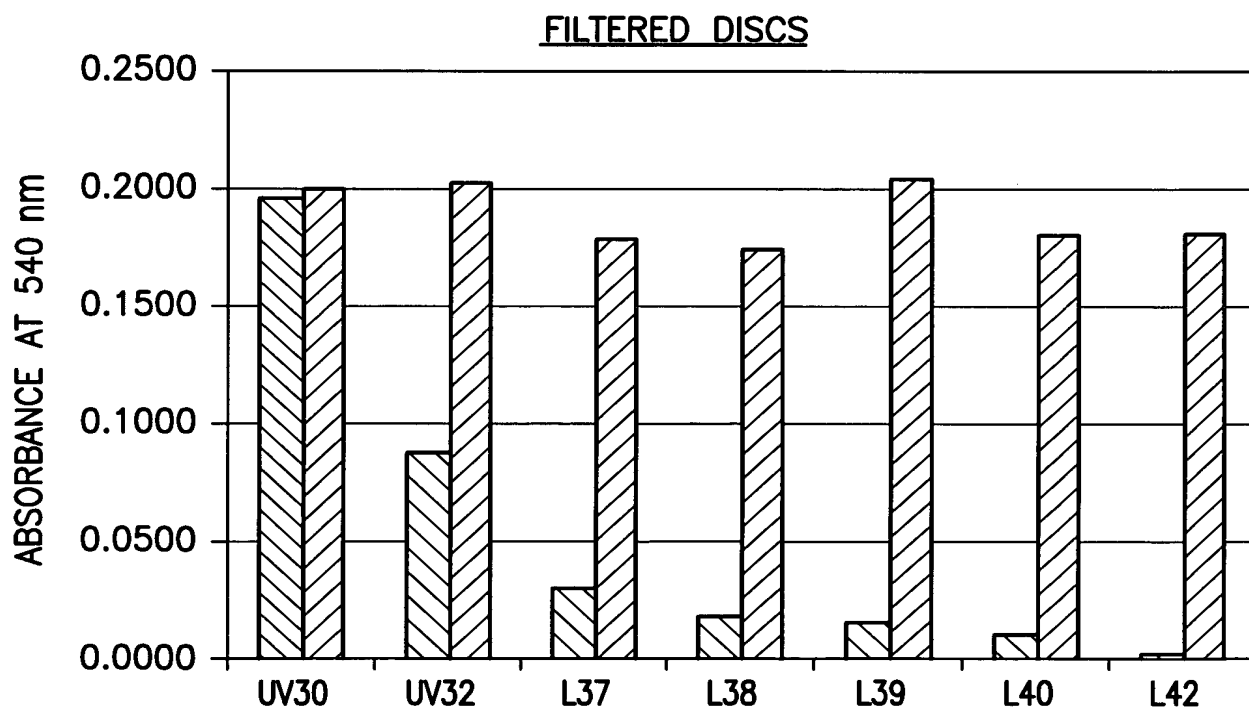
**FIG.17**



**FIG.18**



**FIG.19**



**FIG.20**

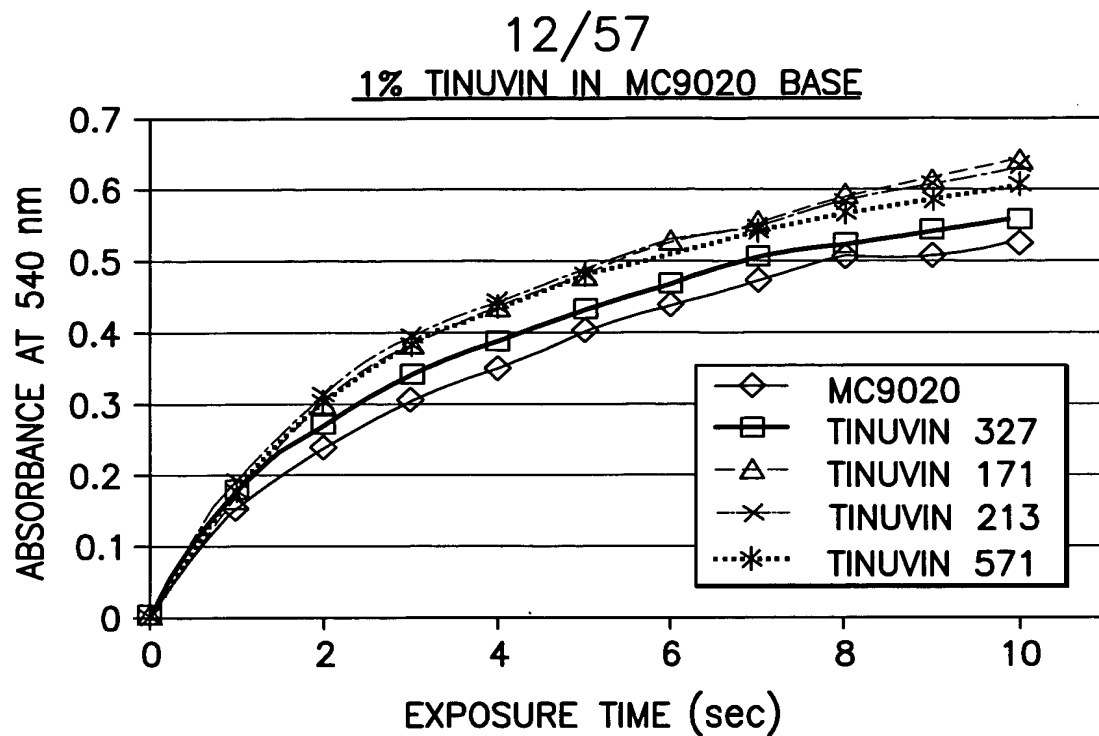


FIG.21

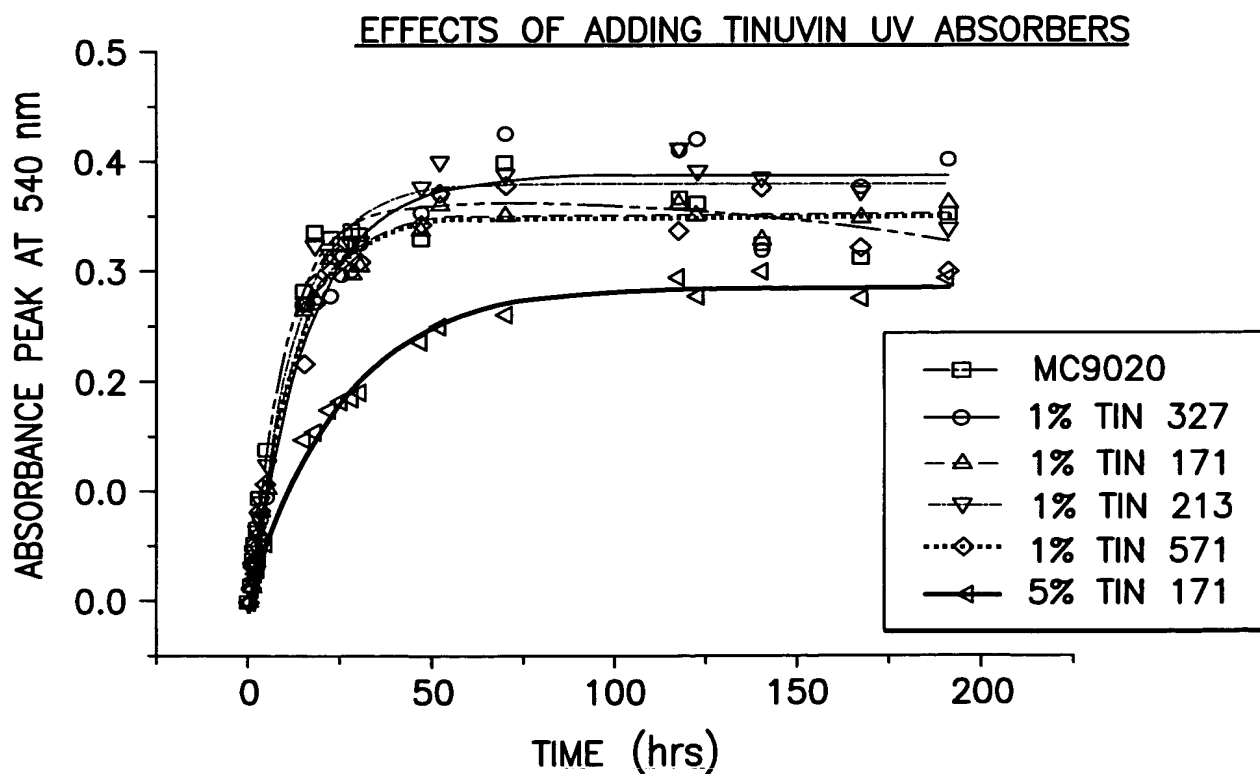


FIG.22

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COLOR FORMATION OF UV STABILIZED MC

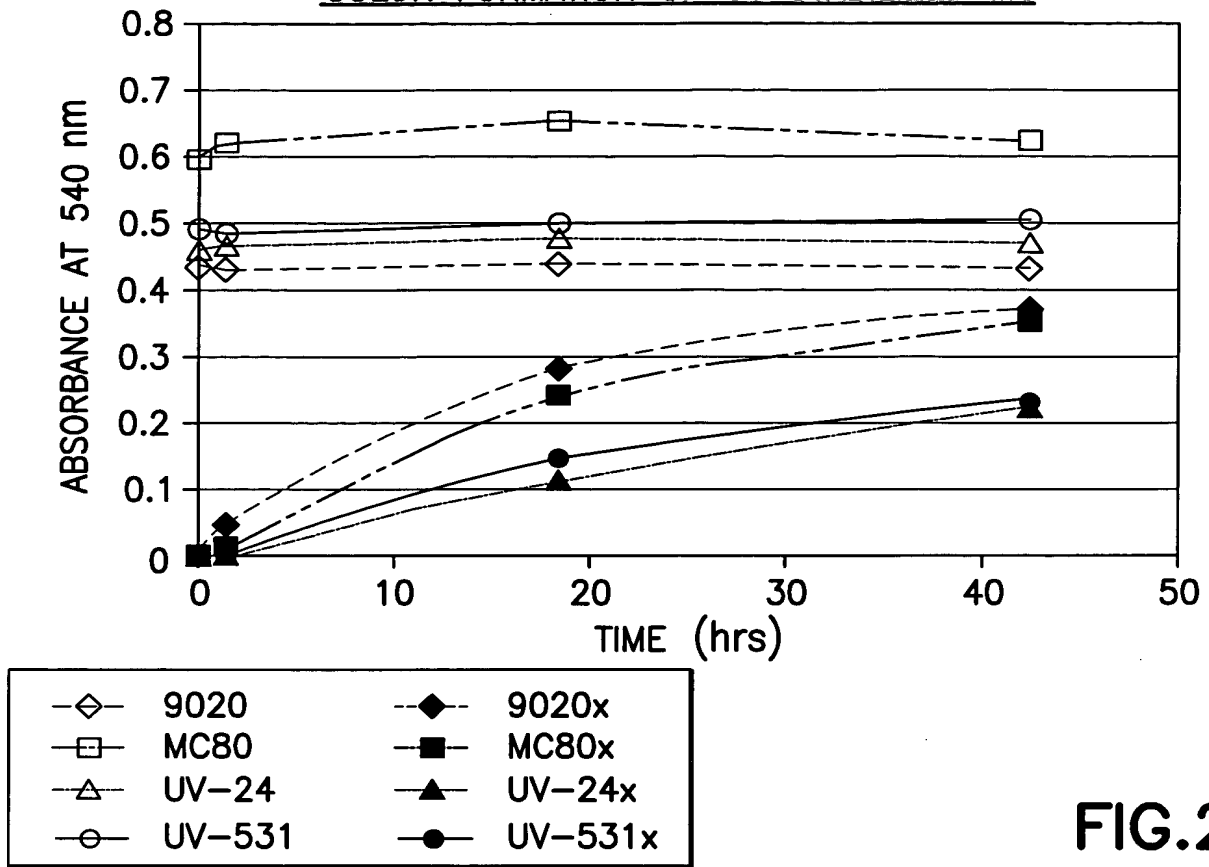


FIG.23

COLORFORMATION TIME OF 5% UV24

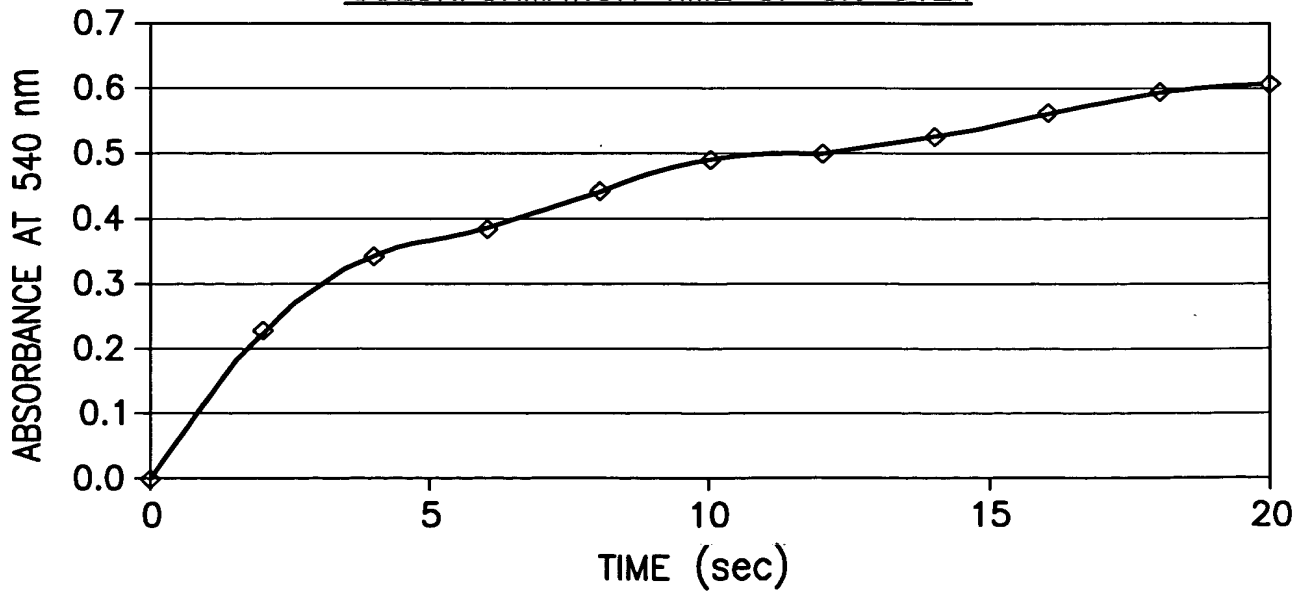
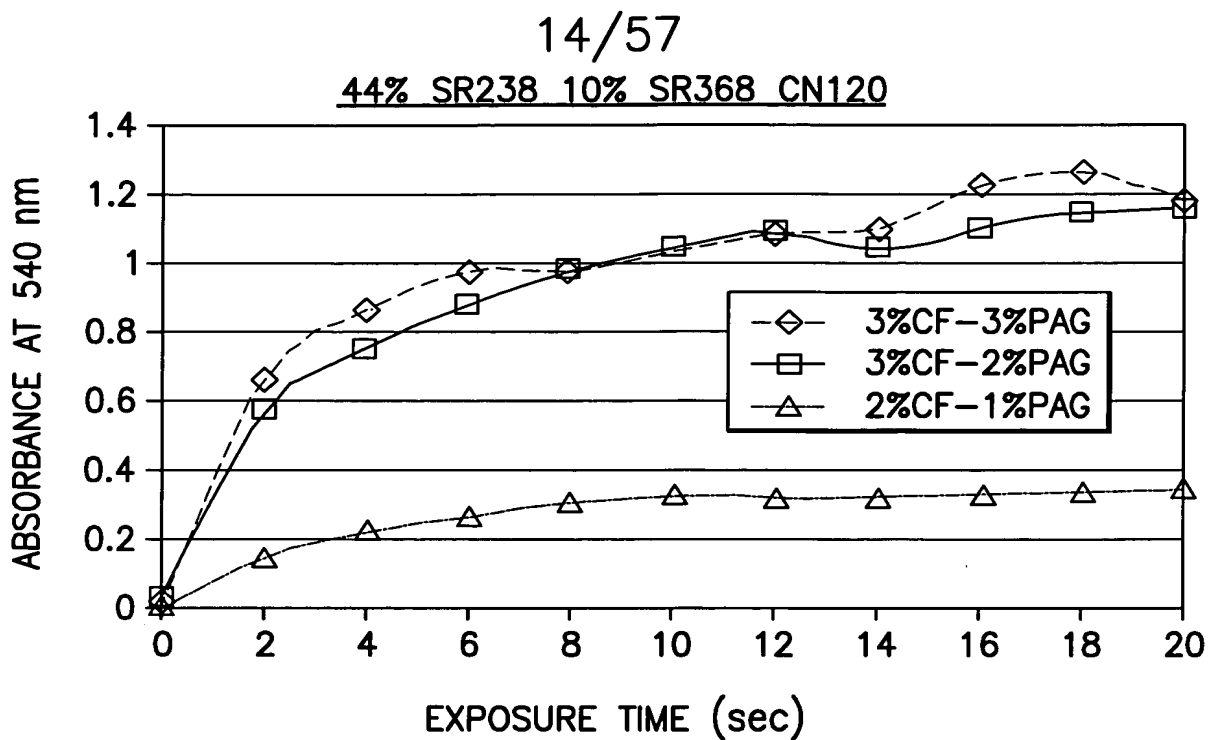
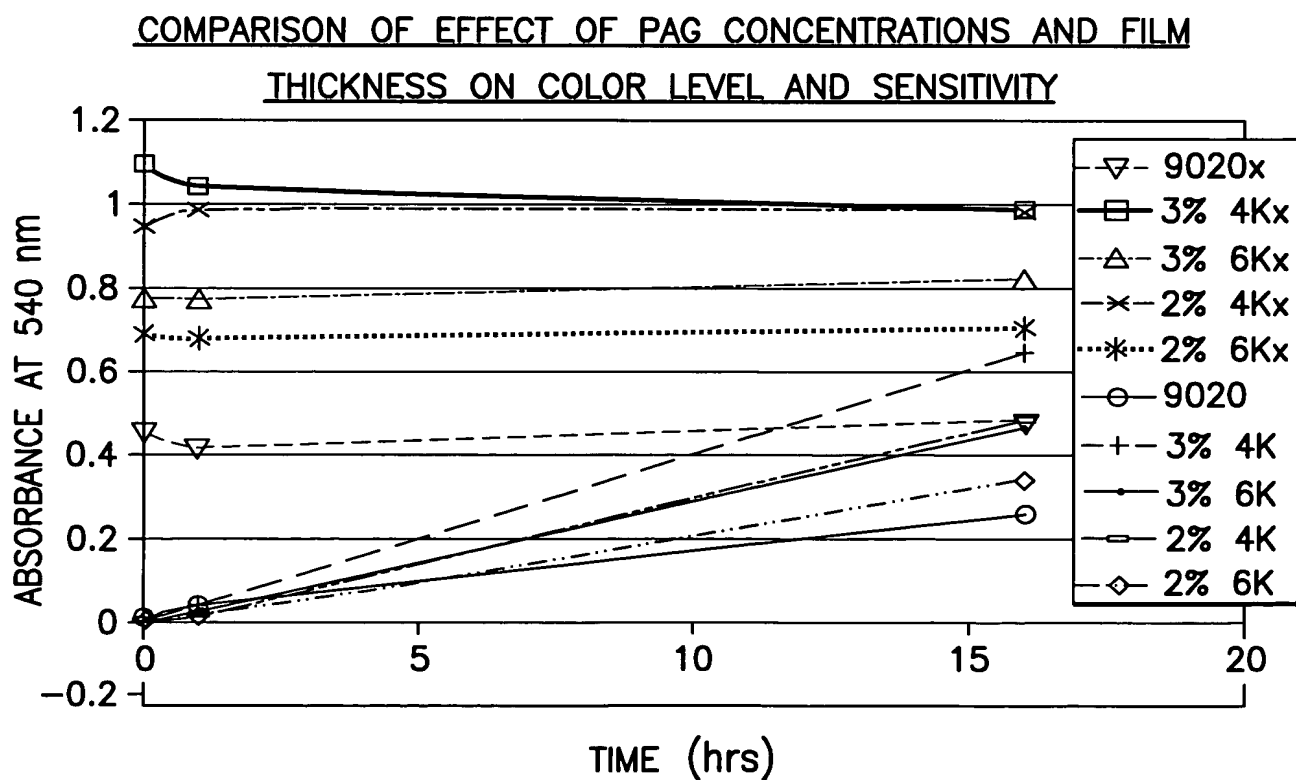


FIG.24



**FIG.25**



**FIG.26**

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UV-VLS OF CN-120-BASED FORMULATION ON QUARTZ  
(10k SPIN SPEED)

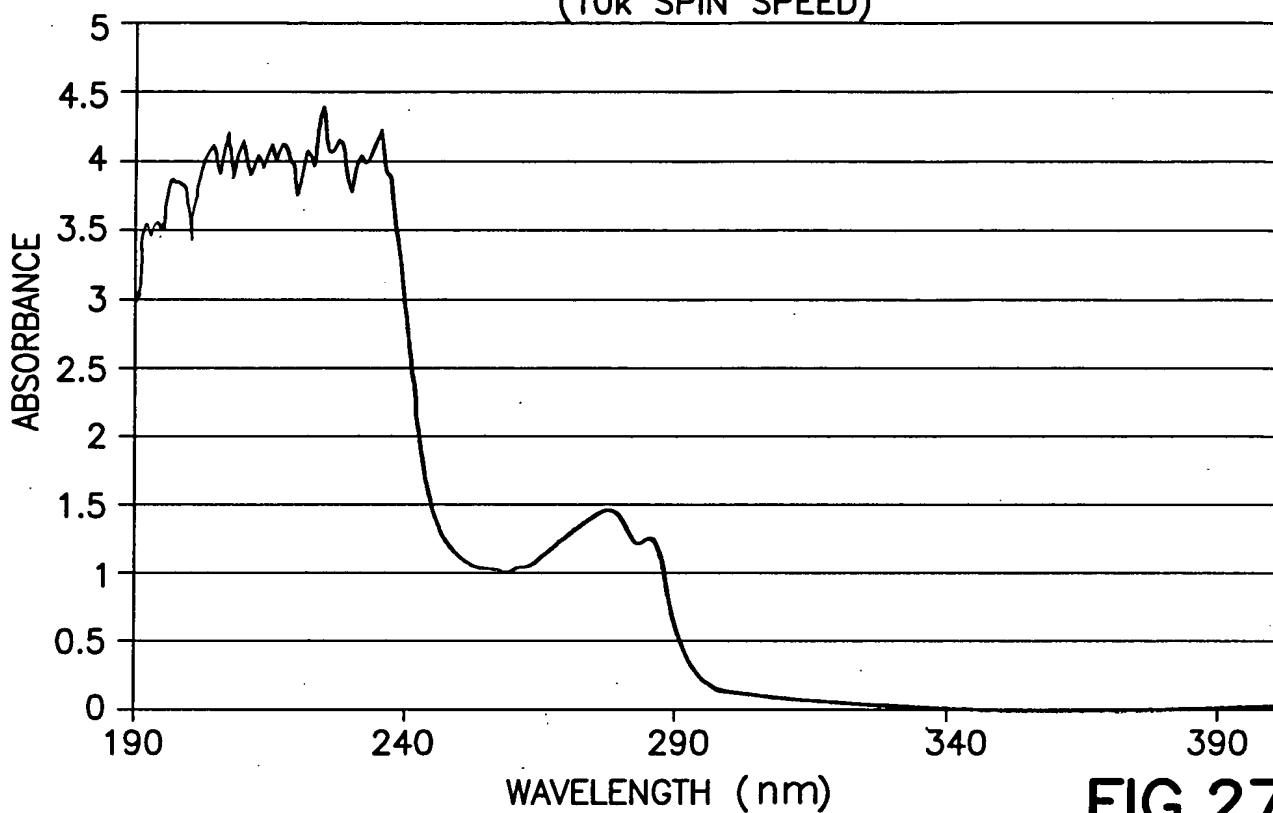
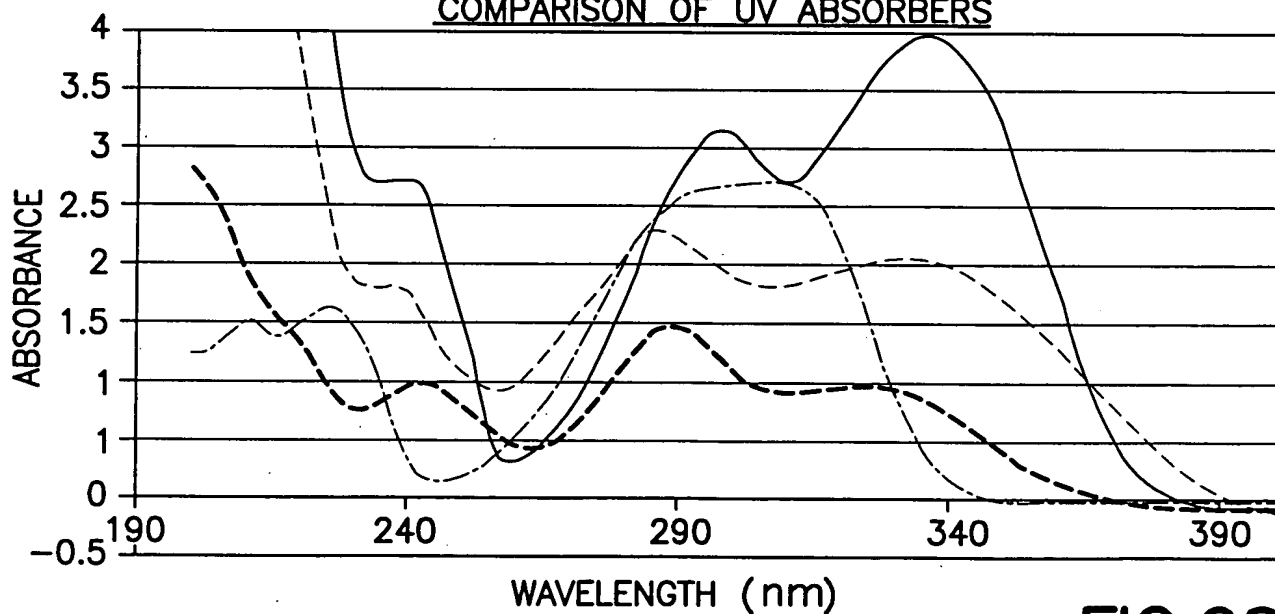


FIG.27

COMPARISON OF UV ABSORBERS



-----	MC80 .3800 g/l
-----	UV-24 0.38 g/l calc
-----	UV-531 0.38 g/l calc
-----	TINUVINR796 0.38 g/l calc

FIG.28

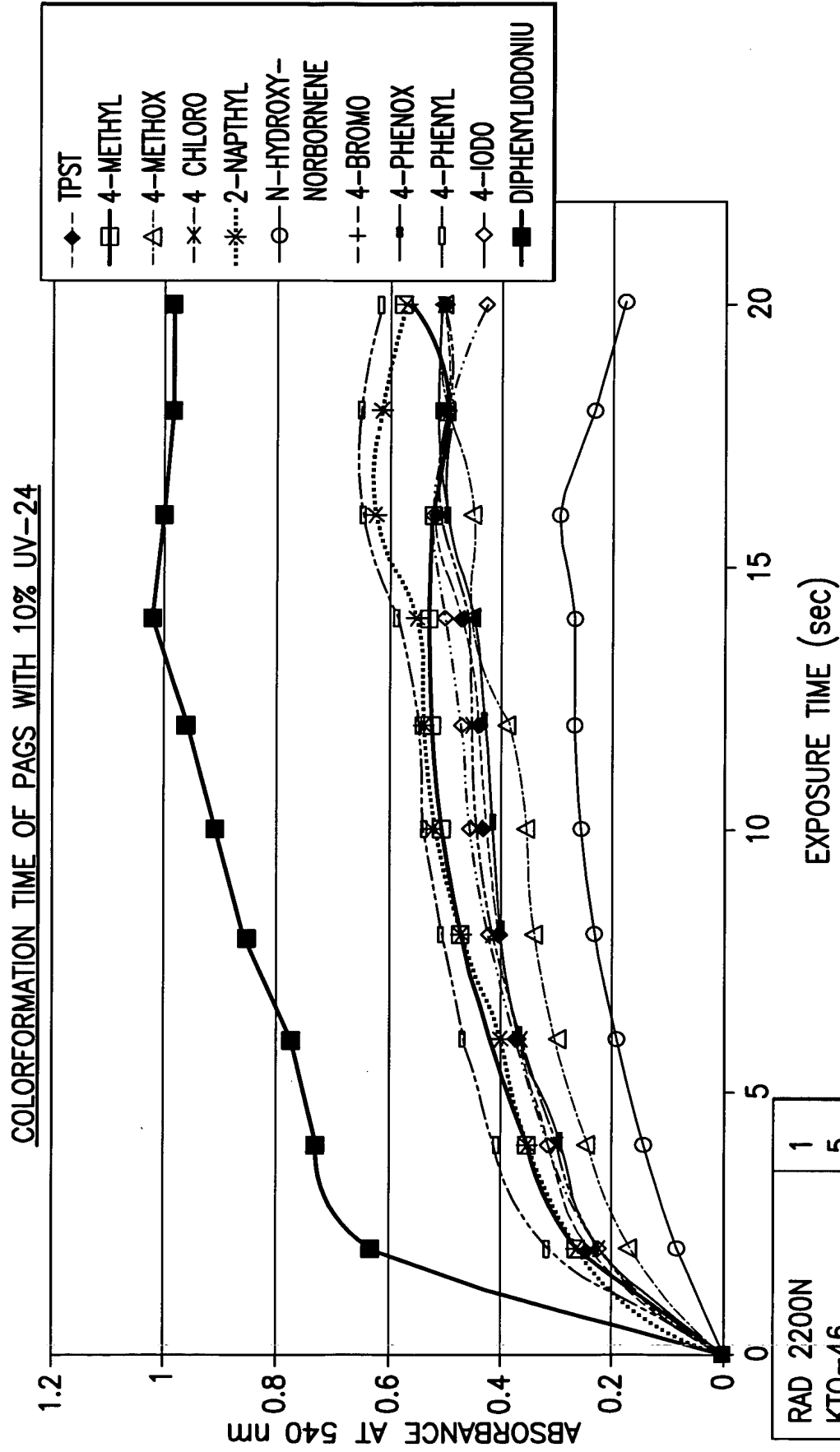


FIG.29

RAD 2200N	1
KTO-46	5
UV-24	10
SR368D	10
SR238	14
CN120B60	60
PERG 6B	3
TPST OR EQUIV	2.5



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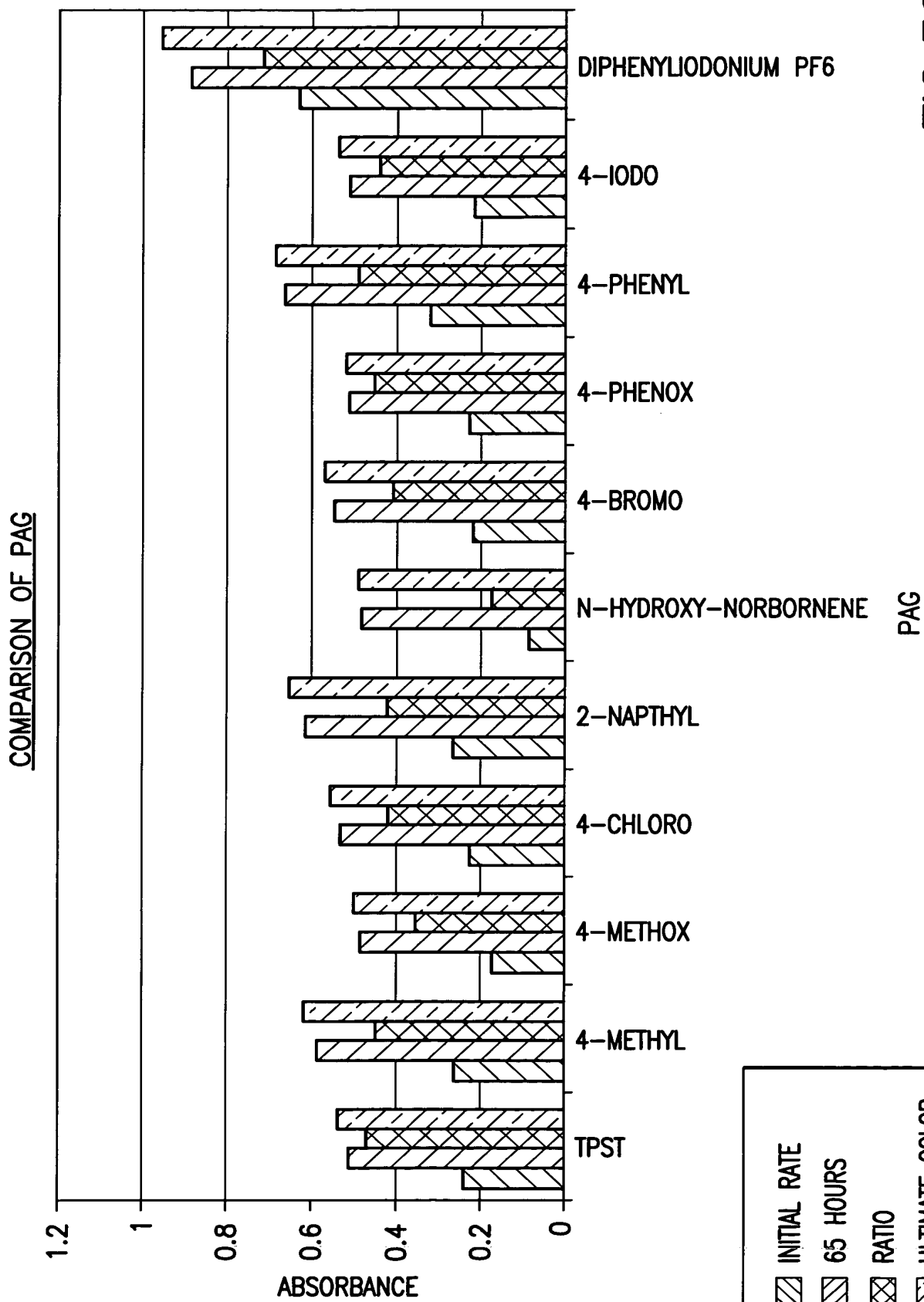
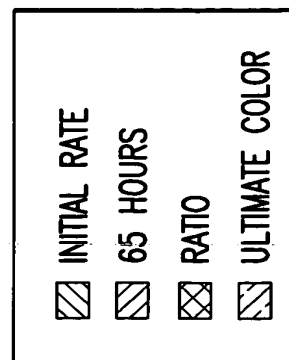
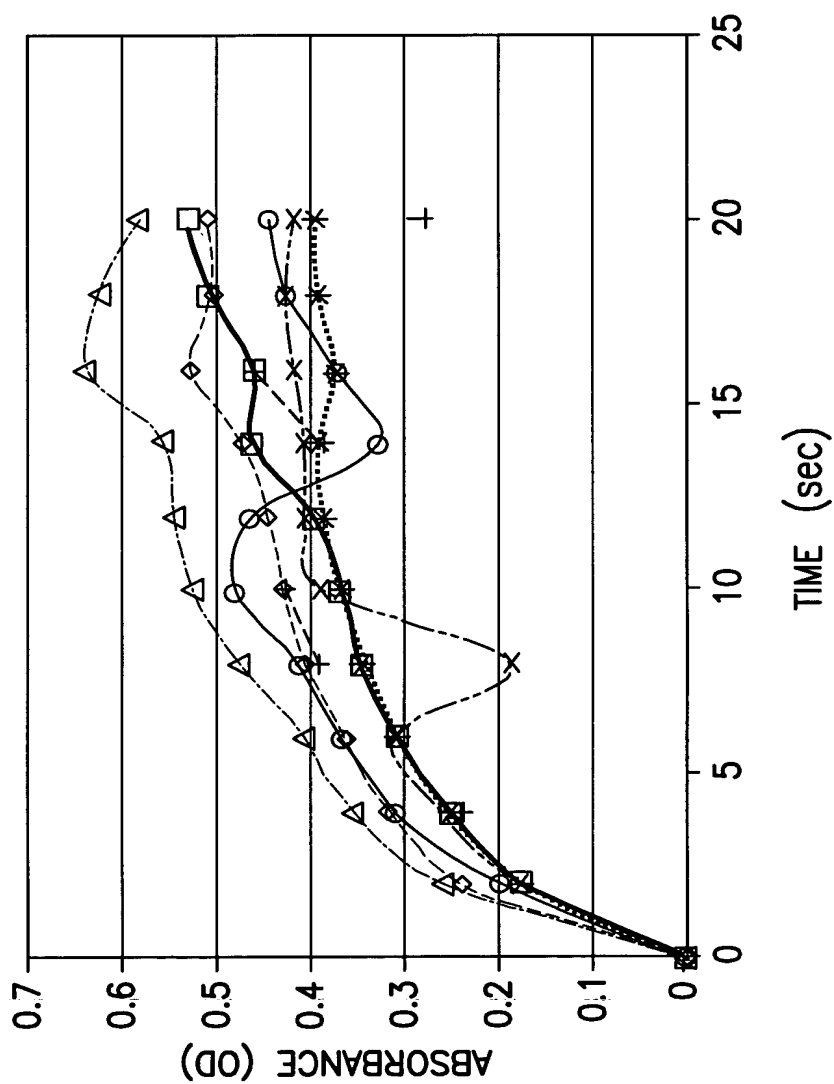


FIG.30



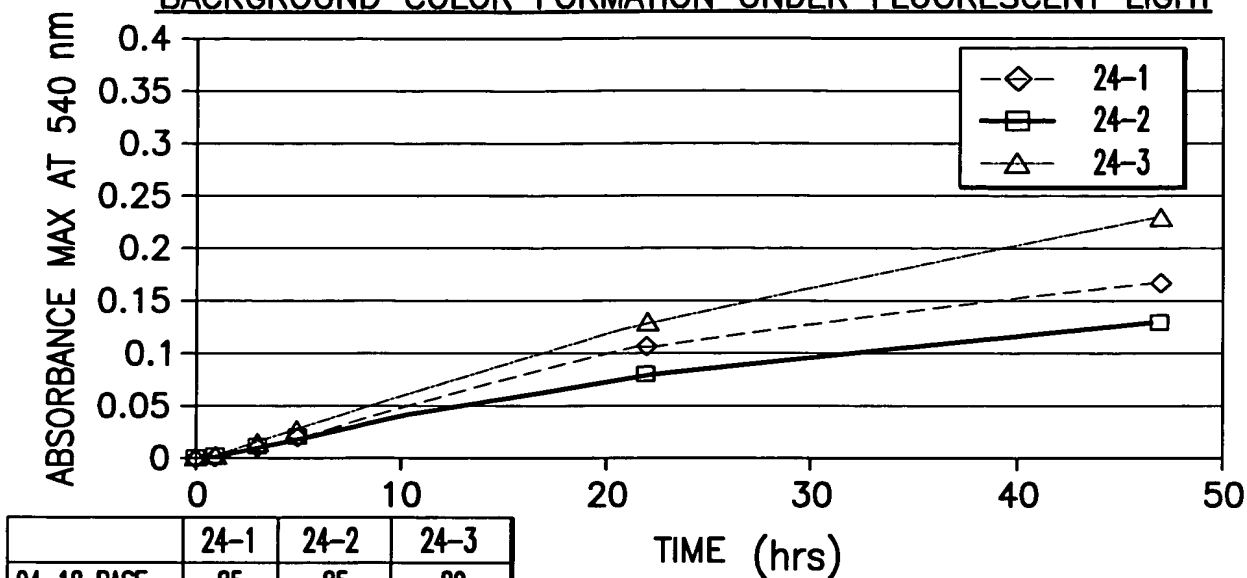
COLOR FORMATION TIME C BULB AND D BULB



**FIG.31**

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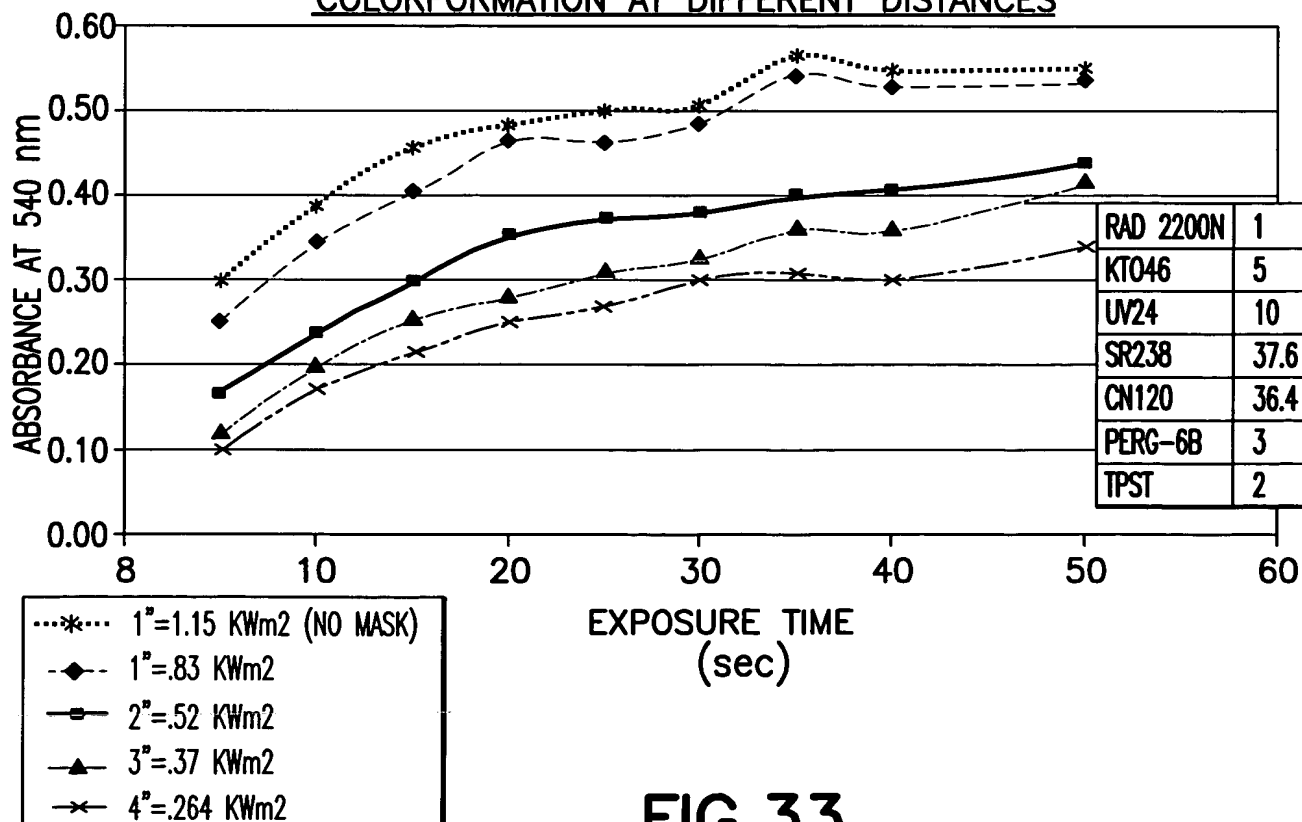
# BACKGROUND COLOR FORMATION UNDER FLUORESCENT LIGHT



	24-1	24-2	24-3
04-18 BASE	85	85	89
UV24	5	10	3
MC80	5		3
TPST	2	2	2
PERG I-6B	3	3	3

FIG.32

## COLORFORMATION AT DIFFERENT DISTANCES



RAD 2200N	1
KTO46	5
UV24	10
SR238	37.6
CN120	36.4
PERG-6B	3
TPST	2

FIG.33

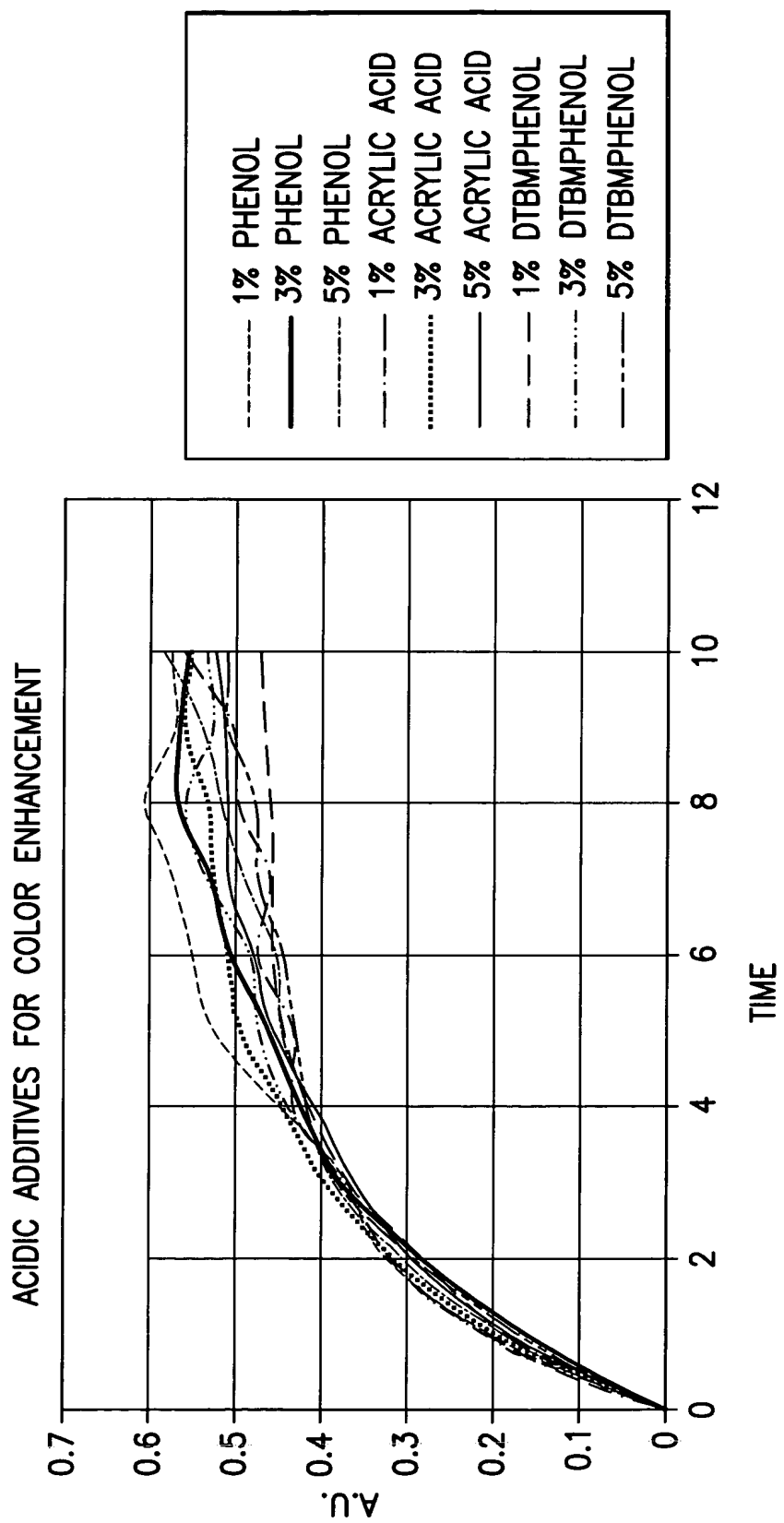
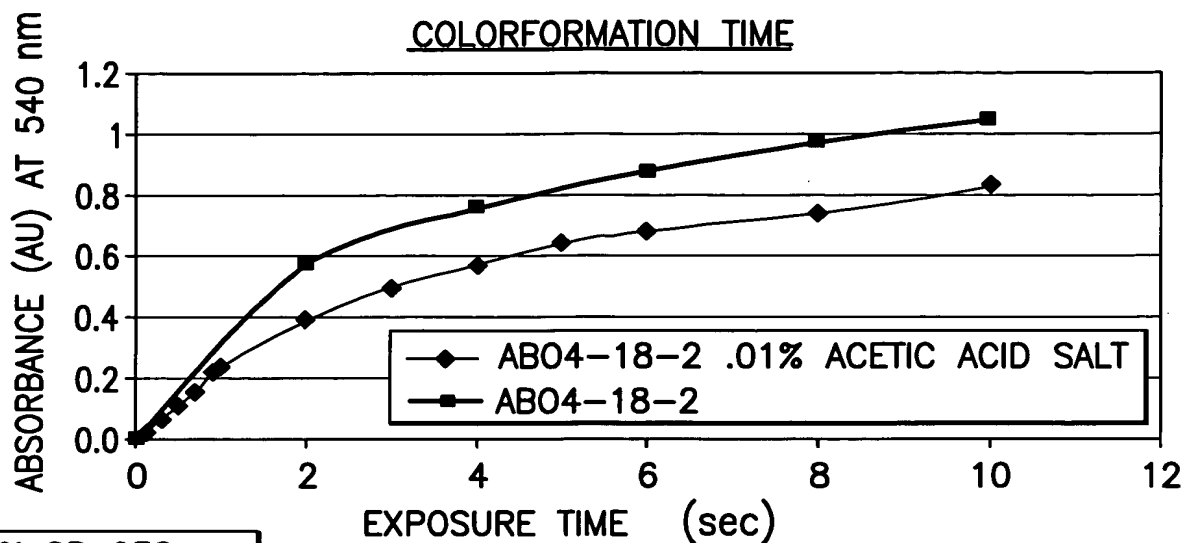


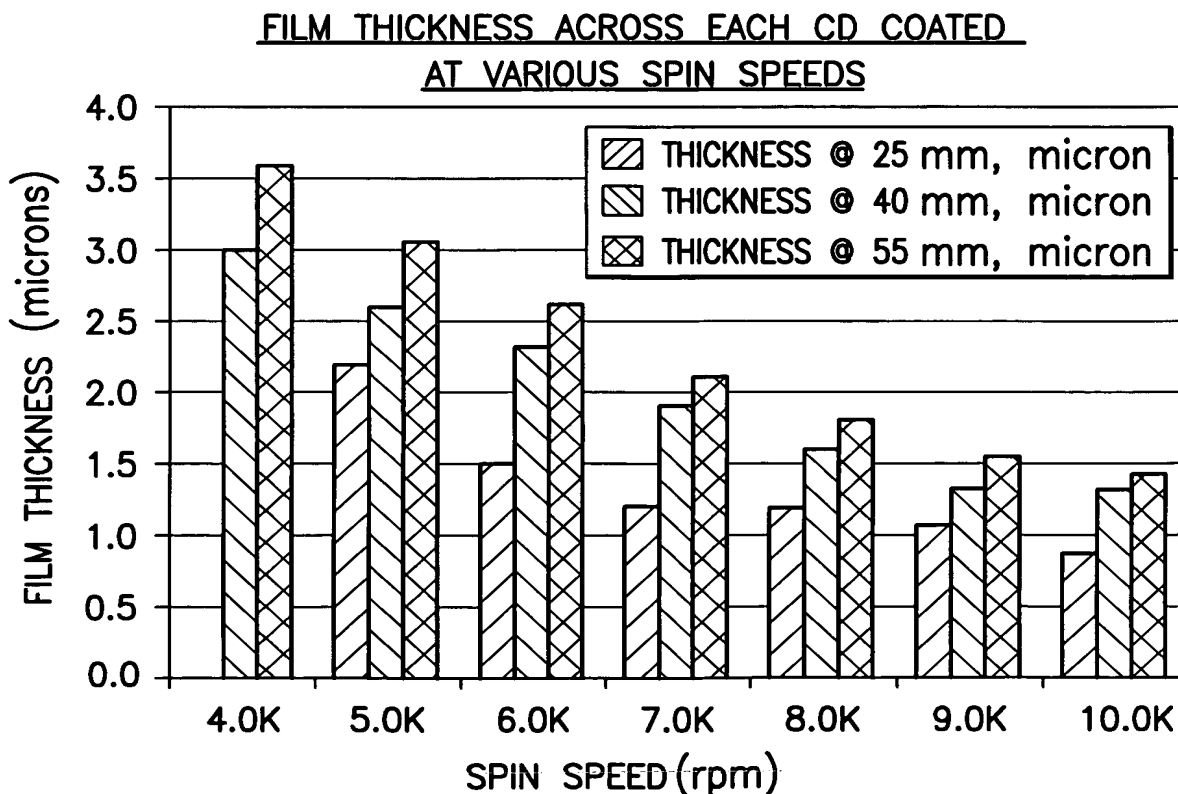
FIG.34

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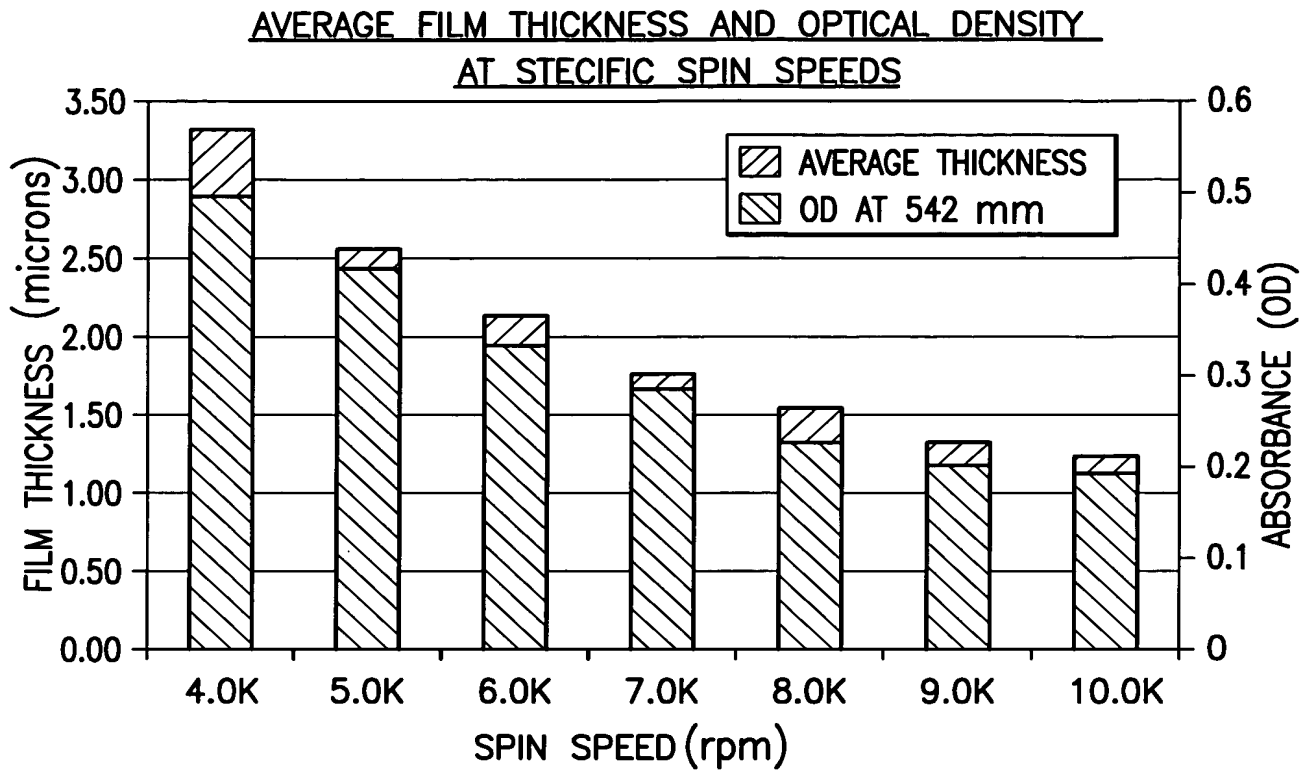
44% SR 238  
10% SR 368  
40% CN 120  
5% KTO 46  
1% TEGO 2200N  
2/3 PAG/CF

**FIG.35**

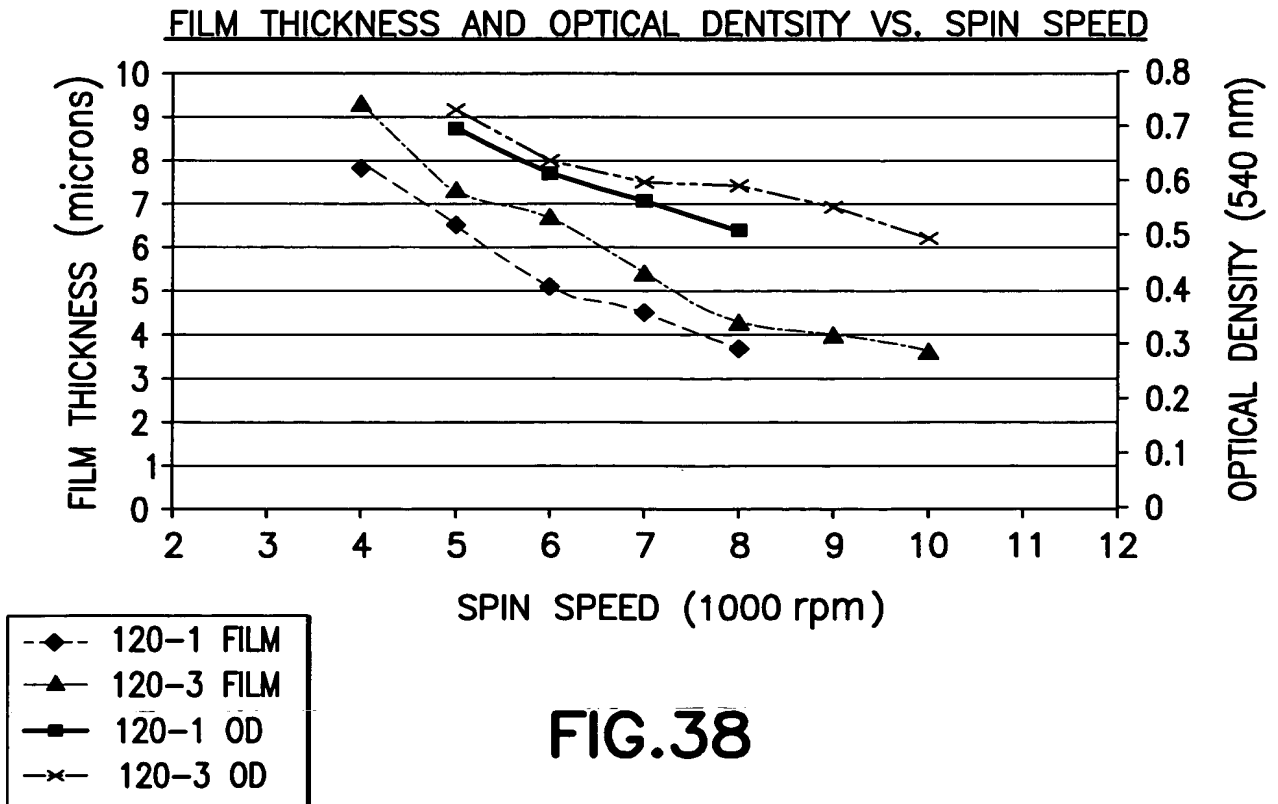


**FIG.36**

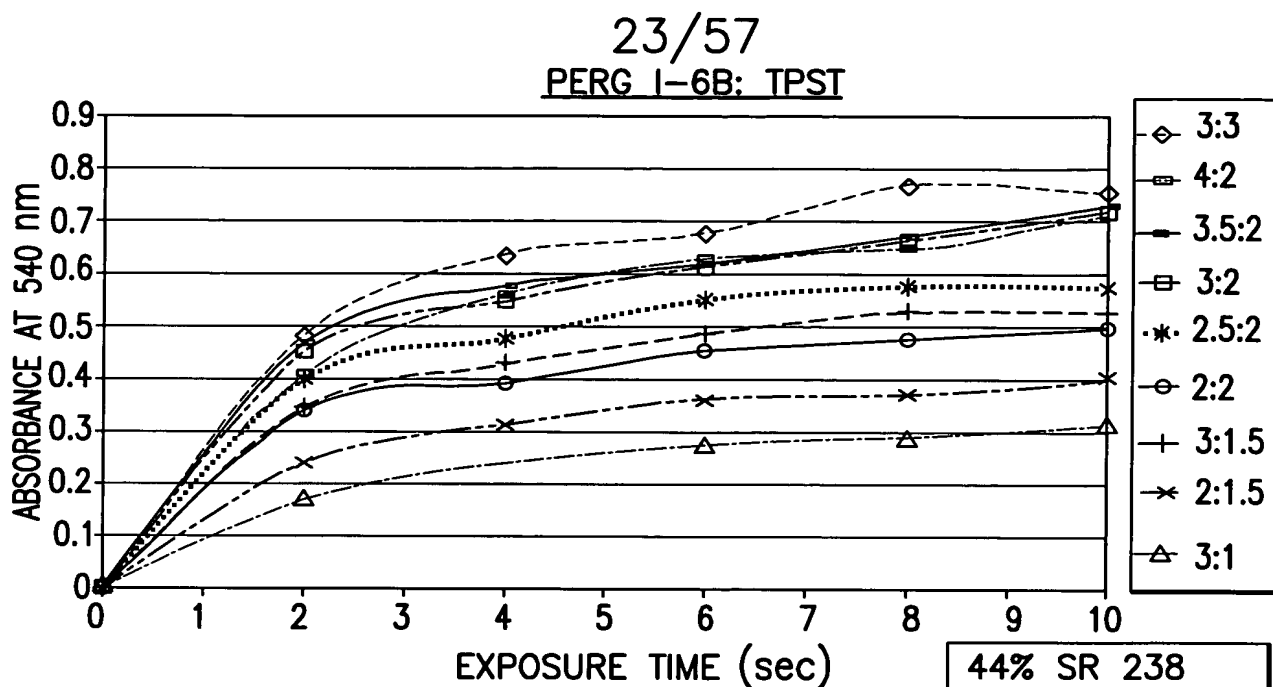
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**FIG.37**

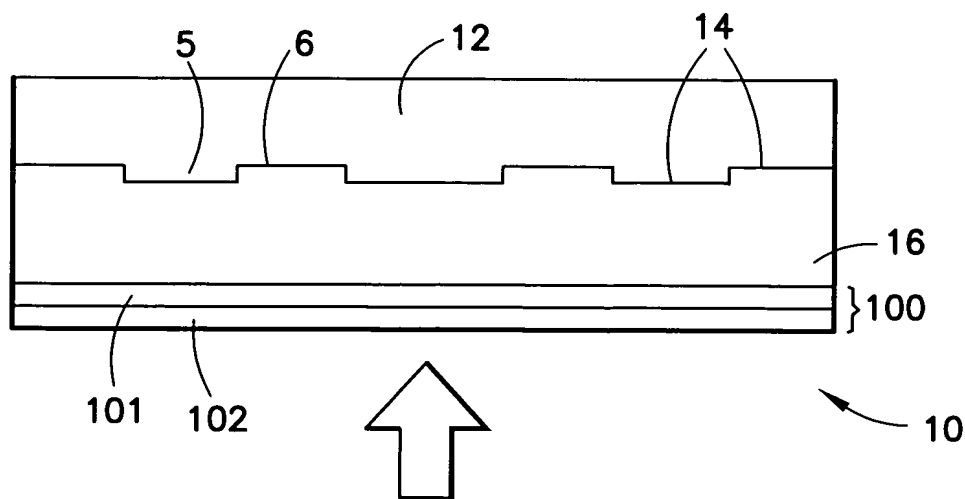


**FIG.38**



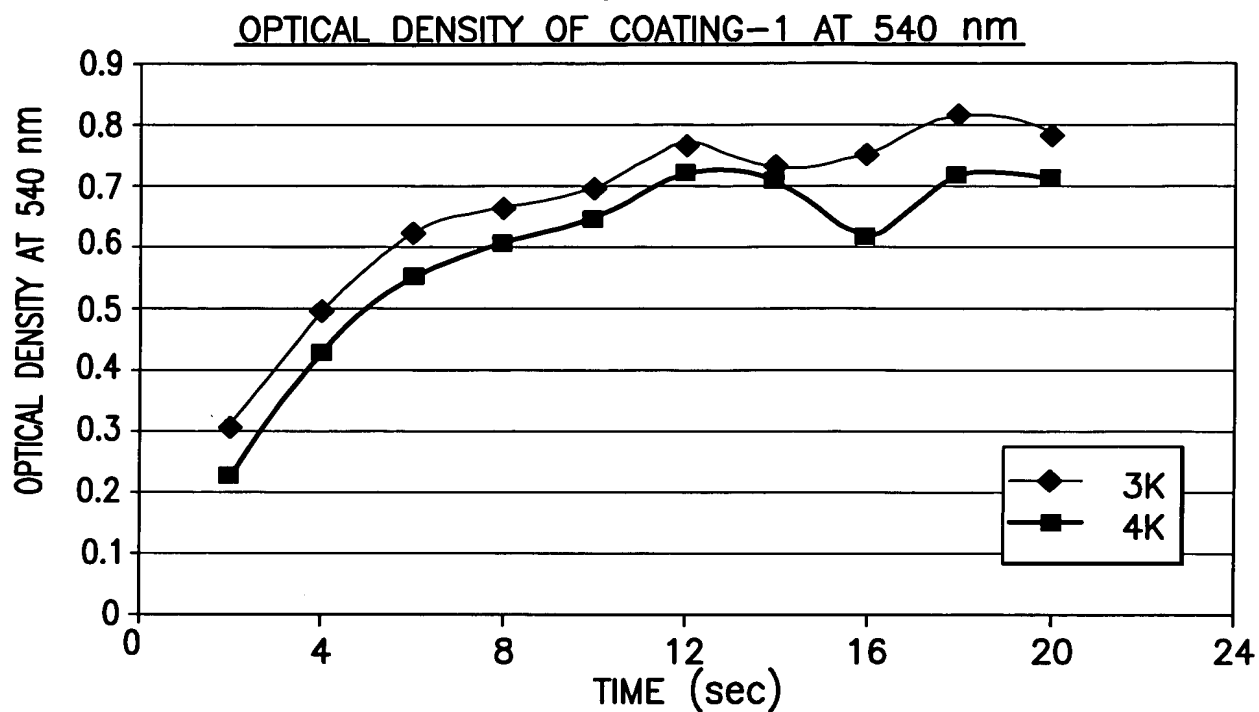
**FIG.39**

44% SR 238  
10% SR 368  
40% CN 120  
5% KTO 46  
1% TEGO 2200N



**FIG.40**

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	VISCOSITY	FILM THICK (um)	
	(cps)	3k	4k
COAT-1	156.9	6.8	6.1
COAT-2	123.2		

FIG.41

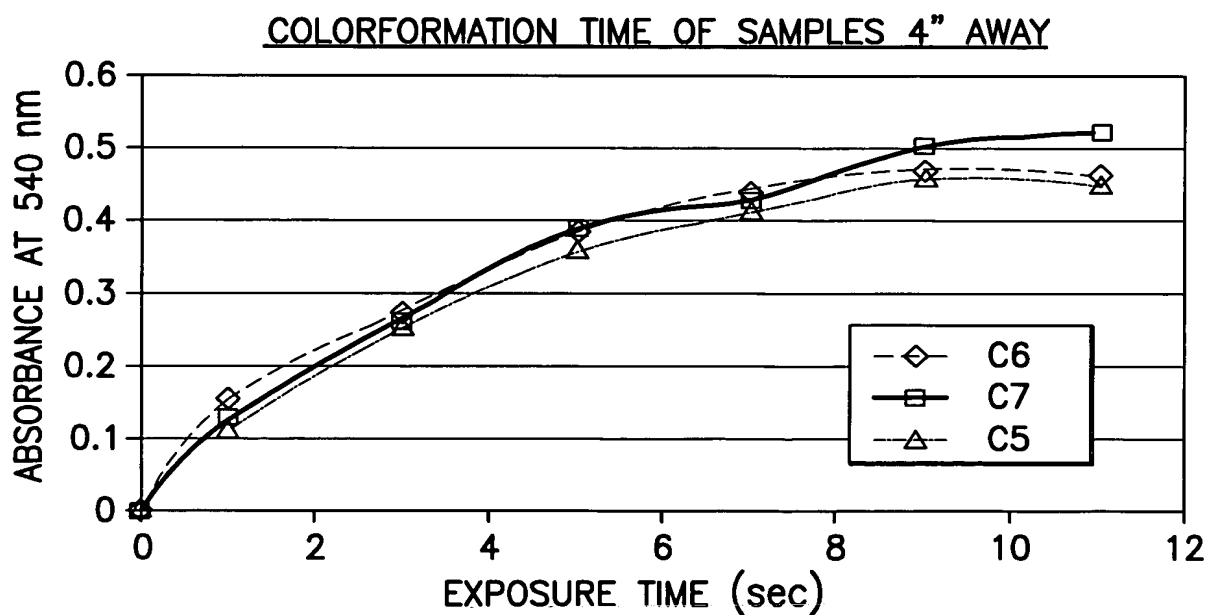
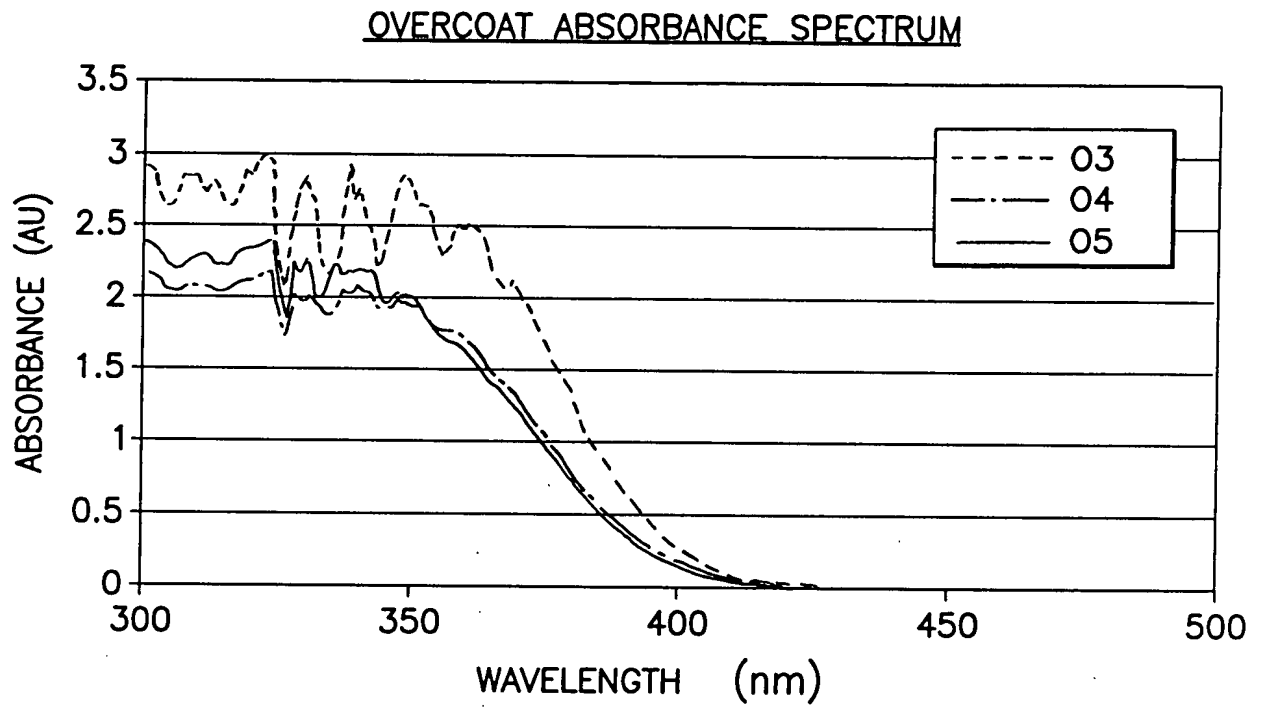
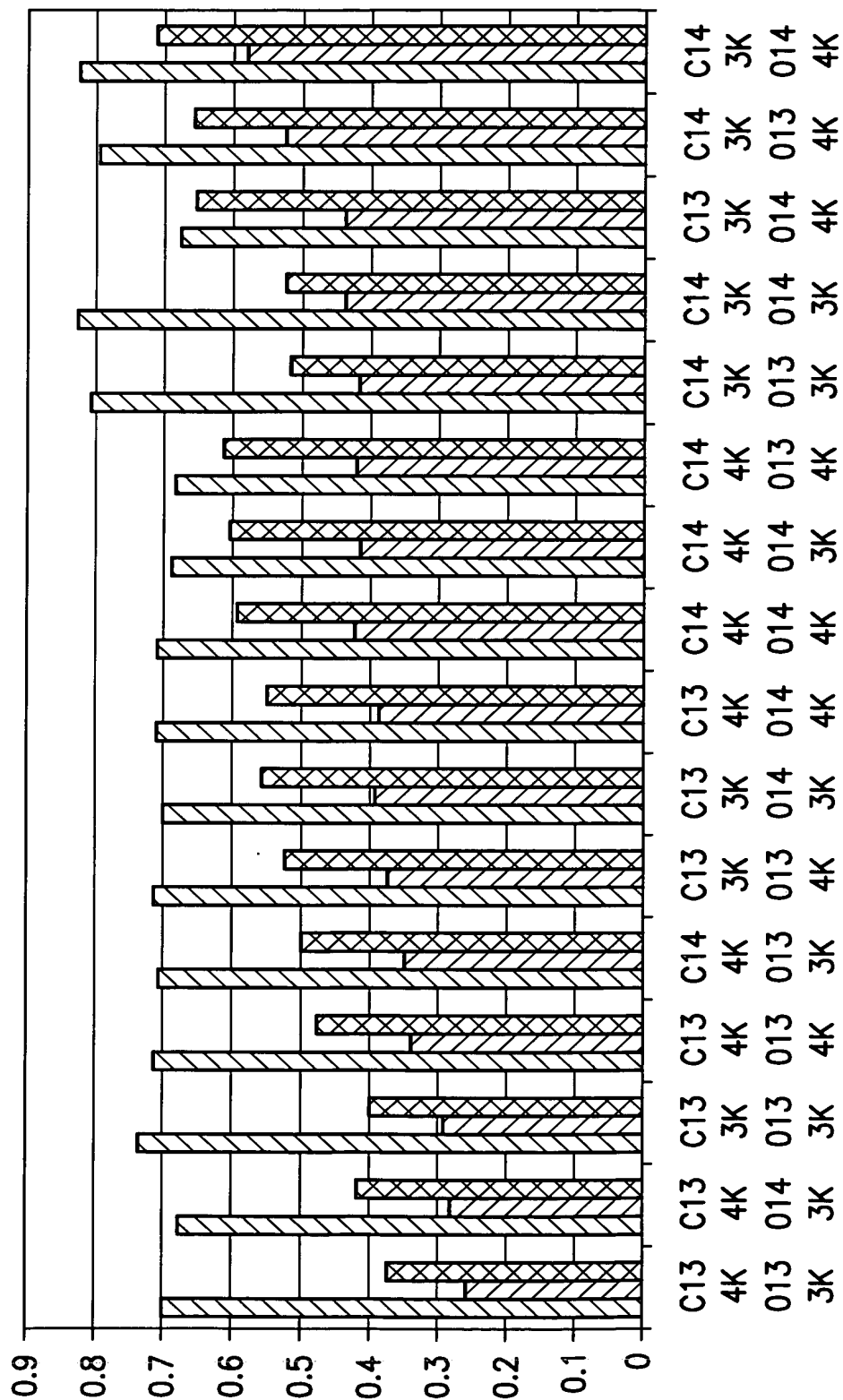


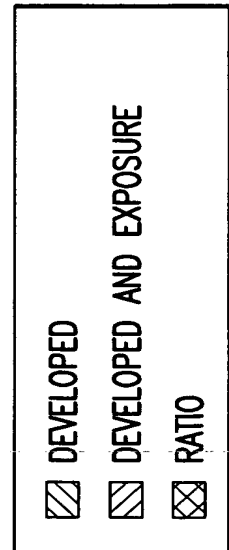
FIG.42



**FIG.43**



**FIG. 44**



**FIG. 45**

COLOR DEVELOPMENT IN UNEXPOSED AREAS IN ENVIRONMENTAL TESTING

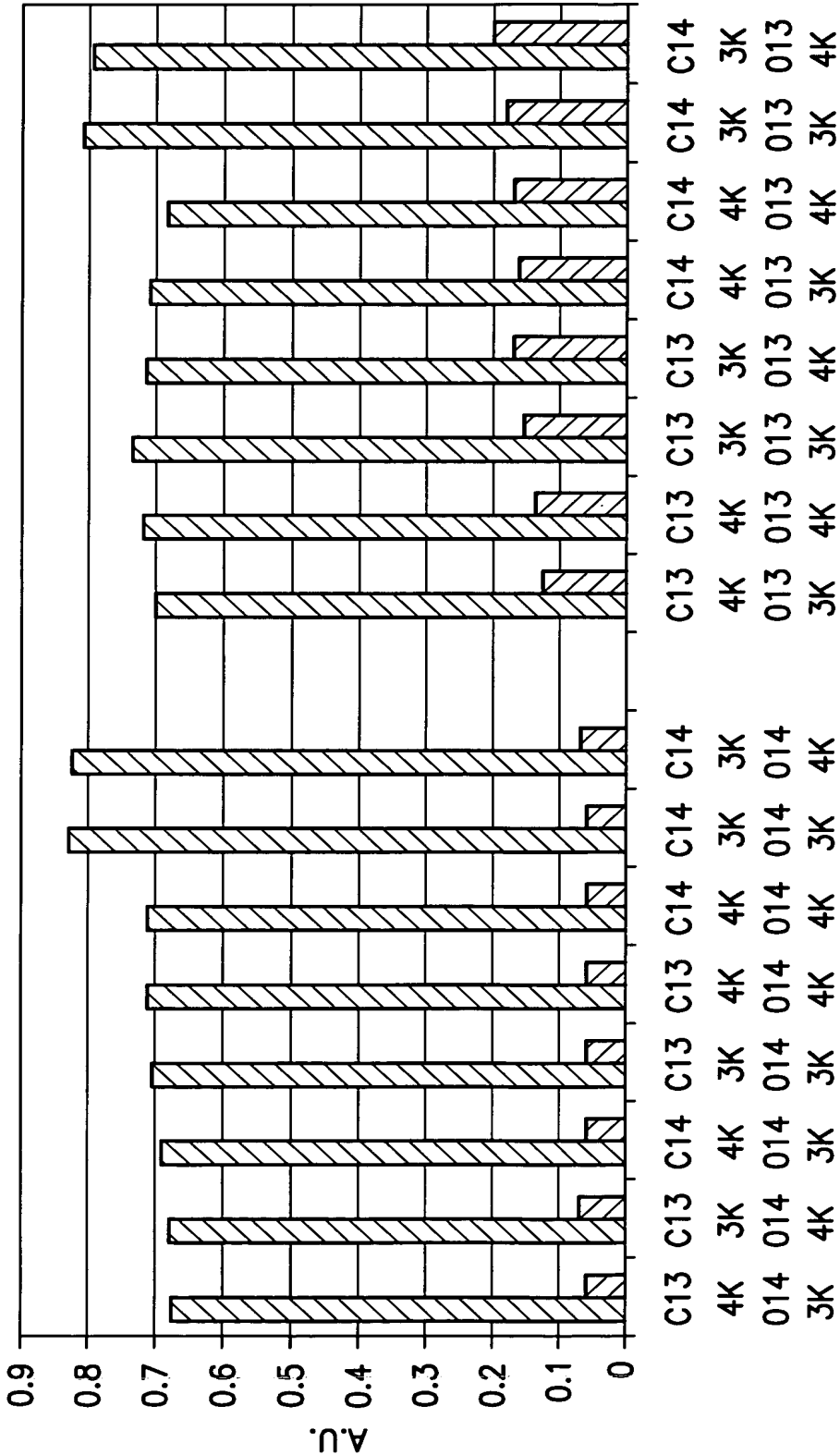
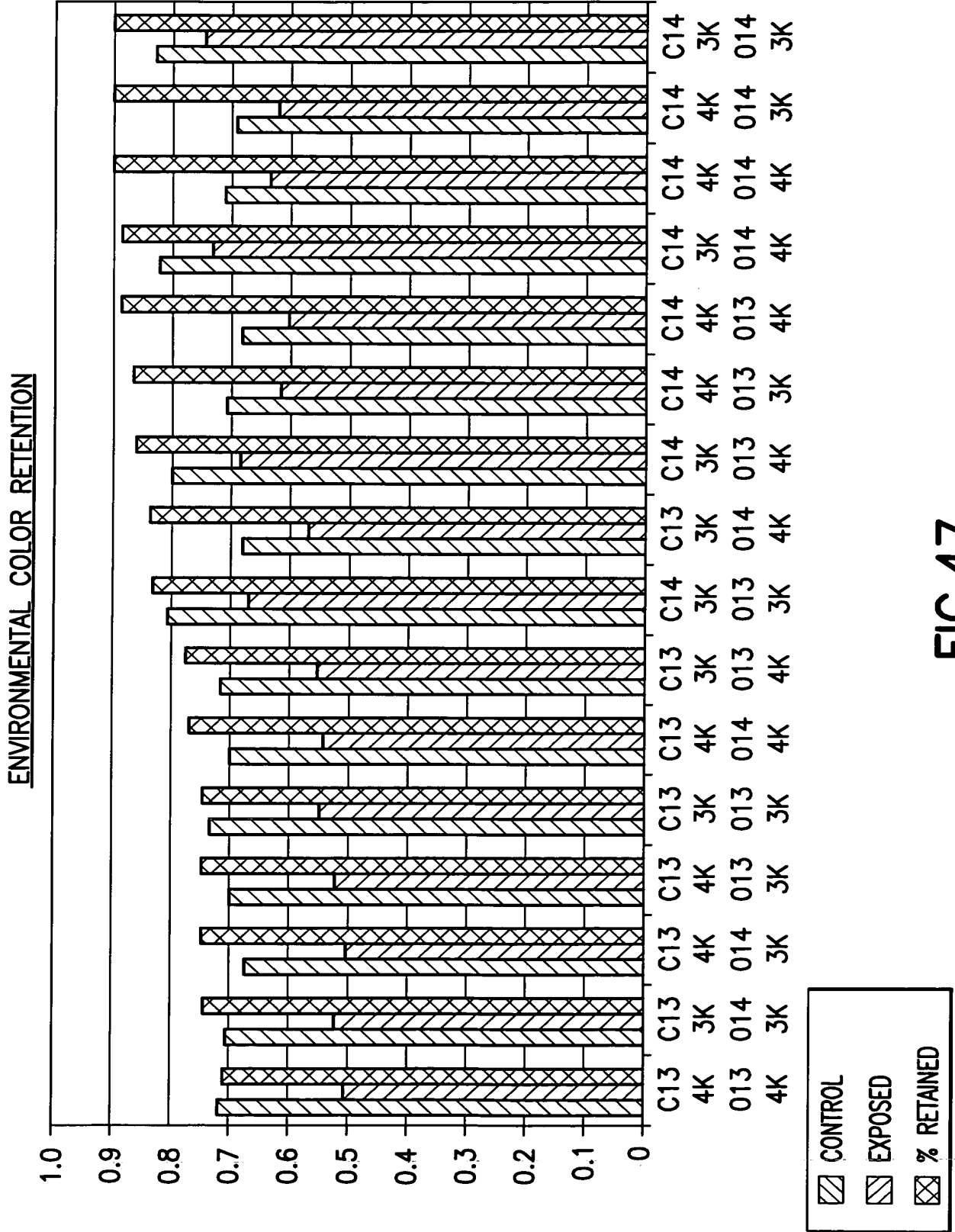


FIG.46



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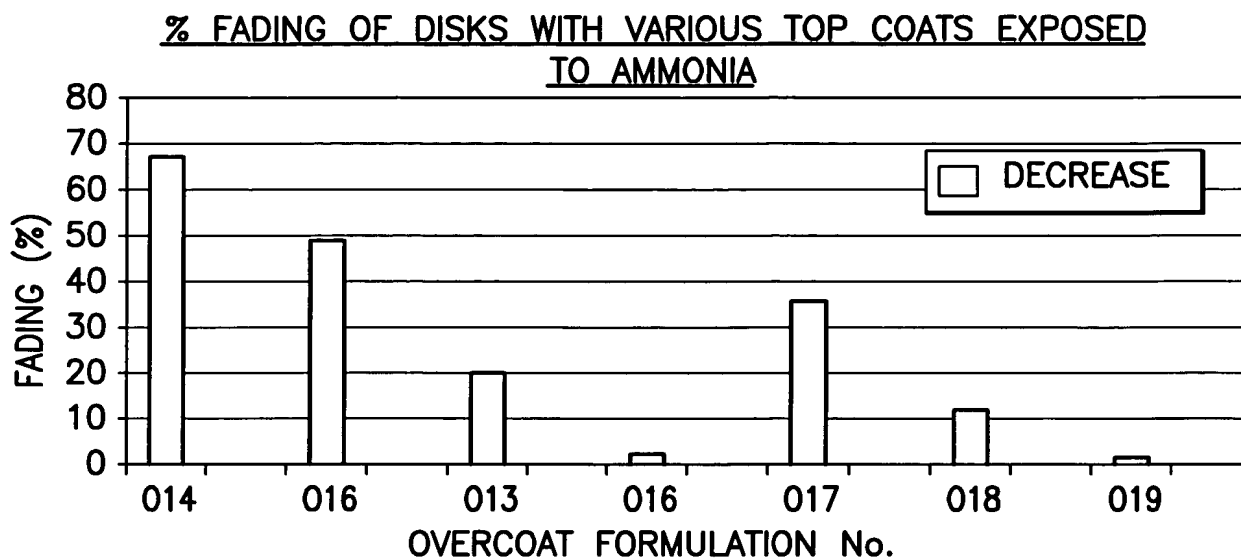


FIG.48

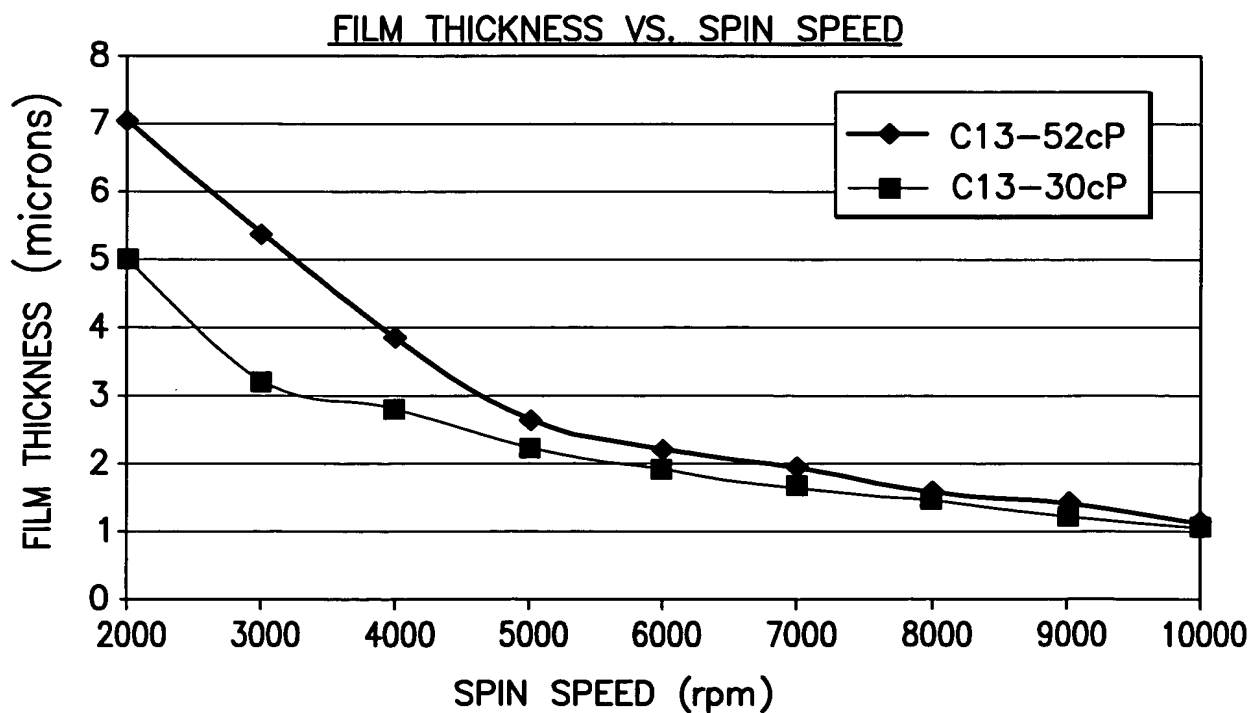


FIG.49

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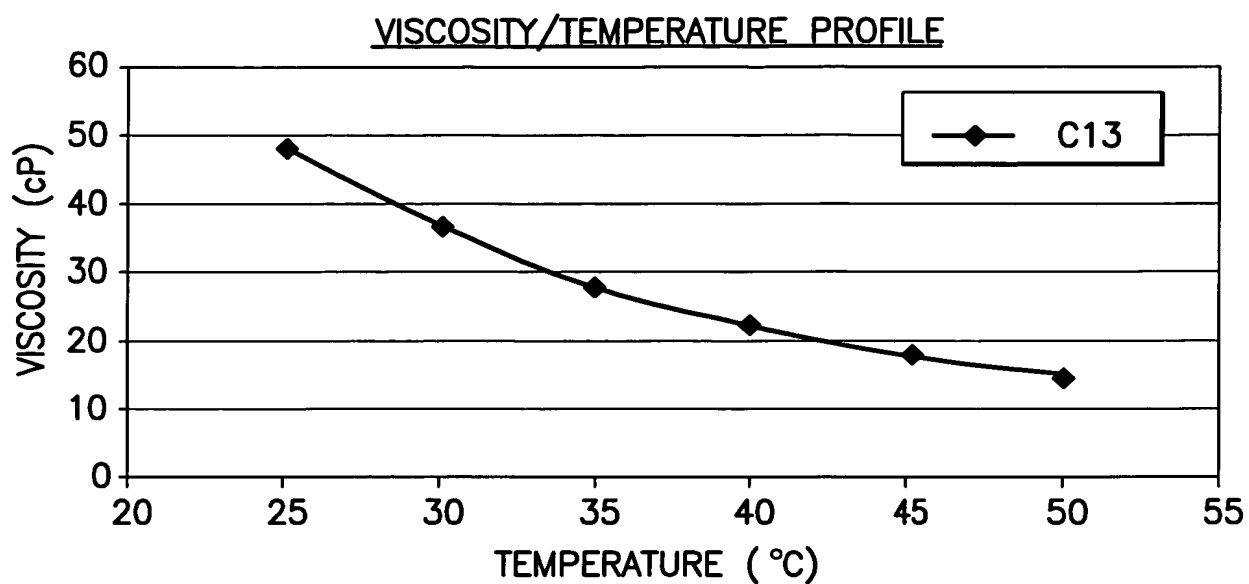


FIG.50

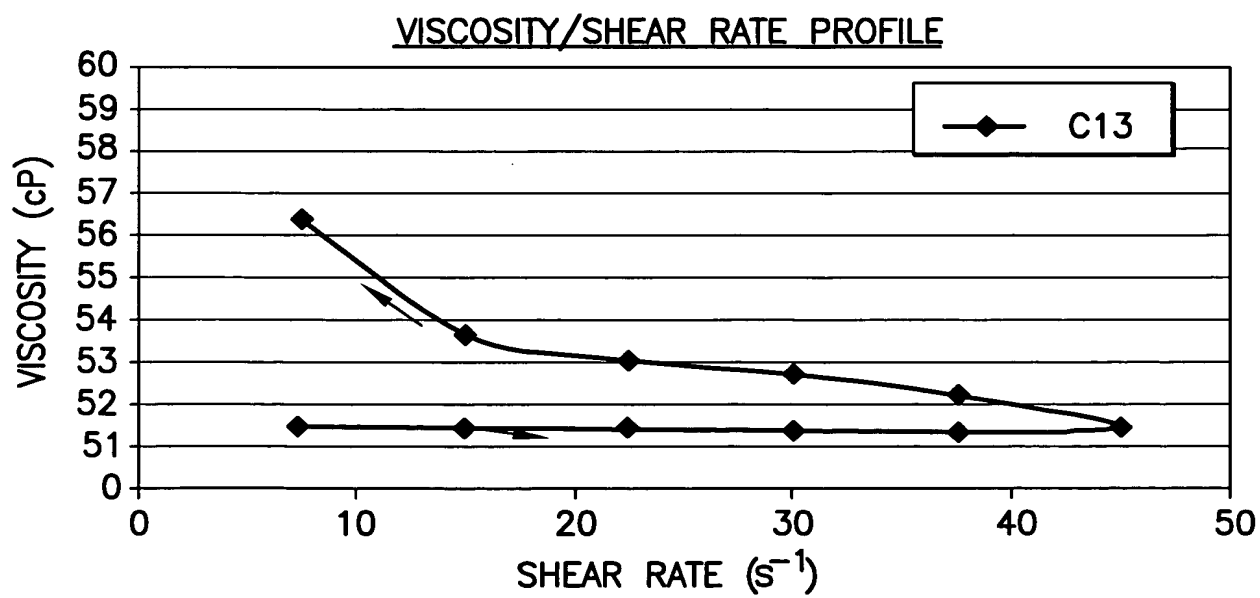


FIG.51

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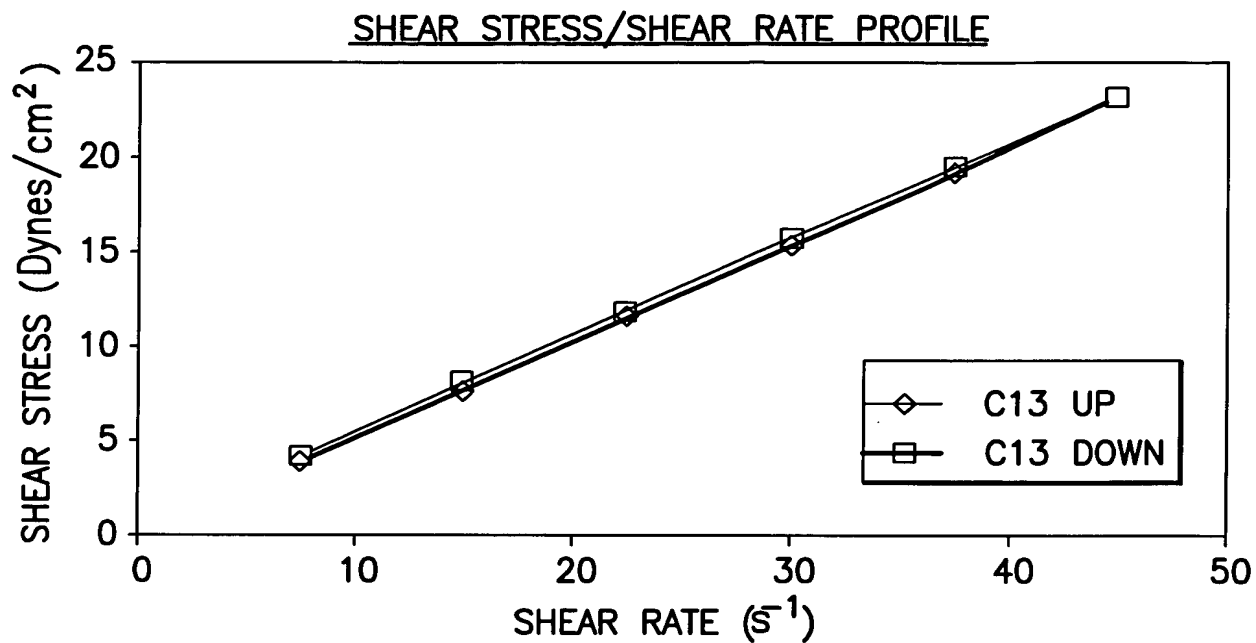


FIG.52

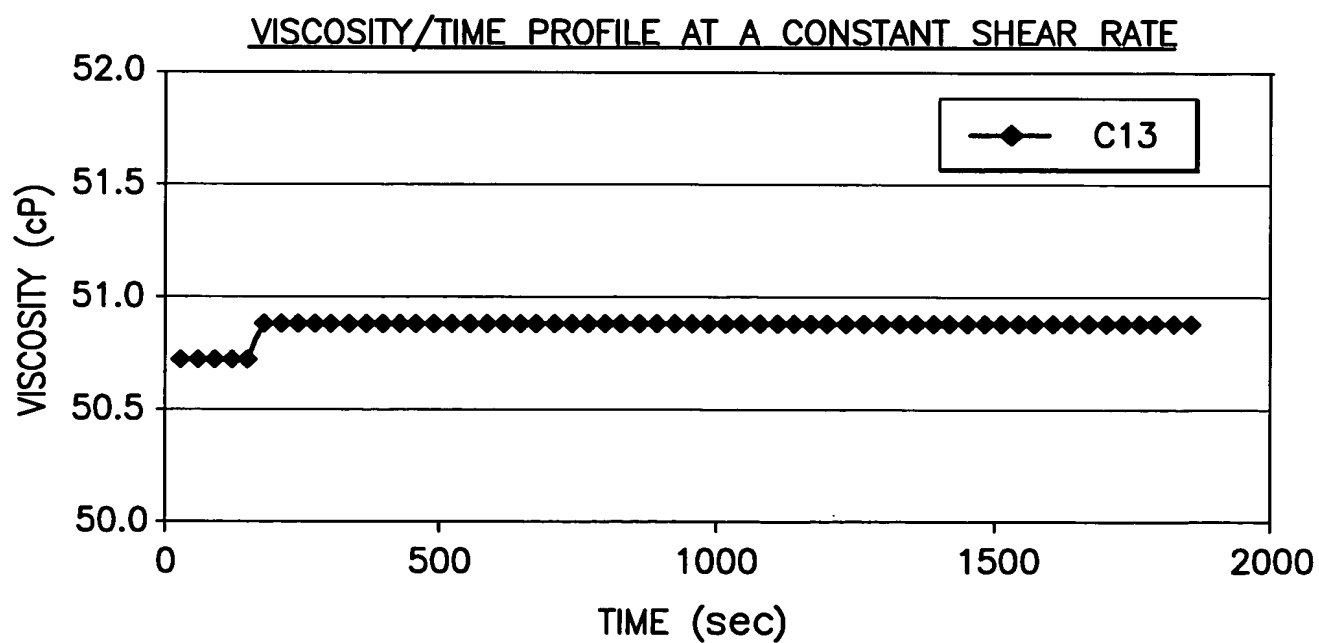


FIG.53



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"D" BULB 2.0% PAG COLORFORMATION TIMES

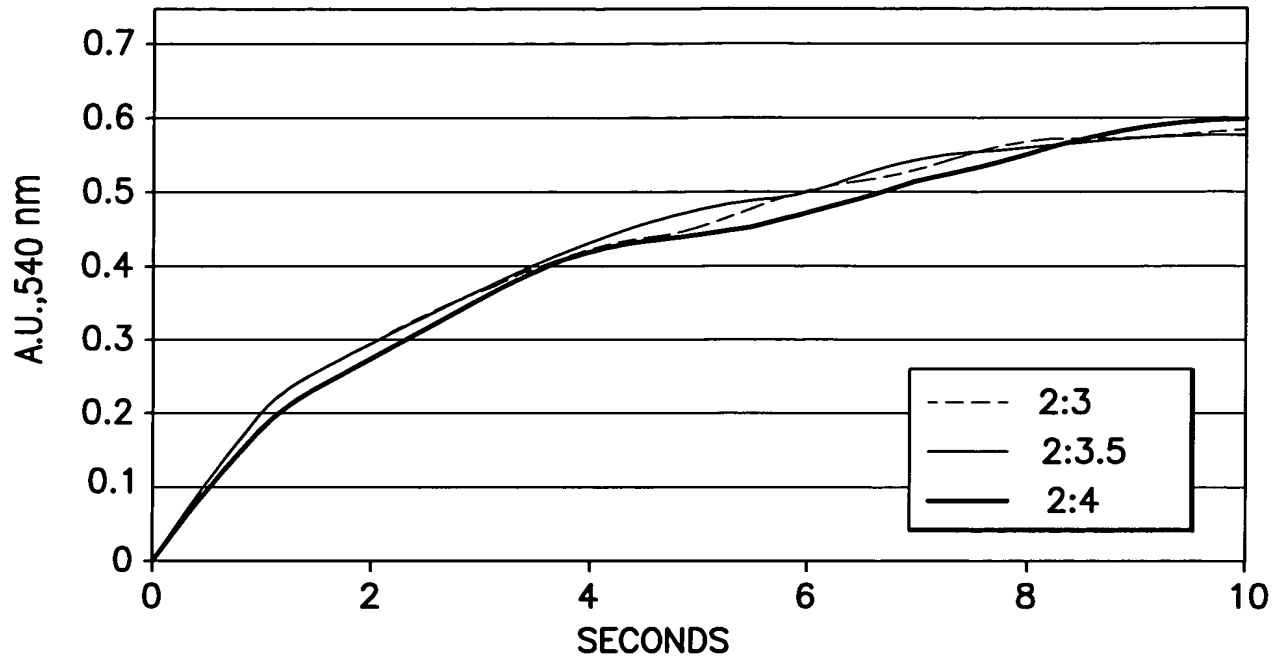


FIG.54

"D" BULB 2.25% PAG COLORFORMATION TIMES

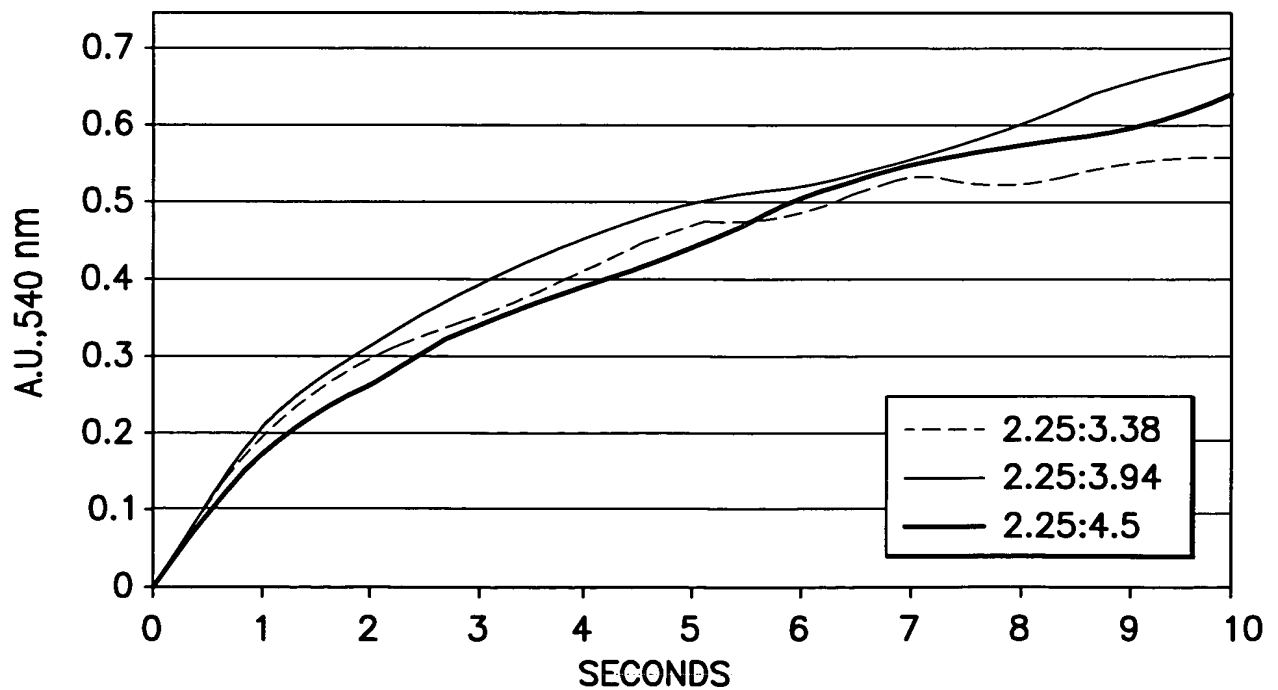
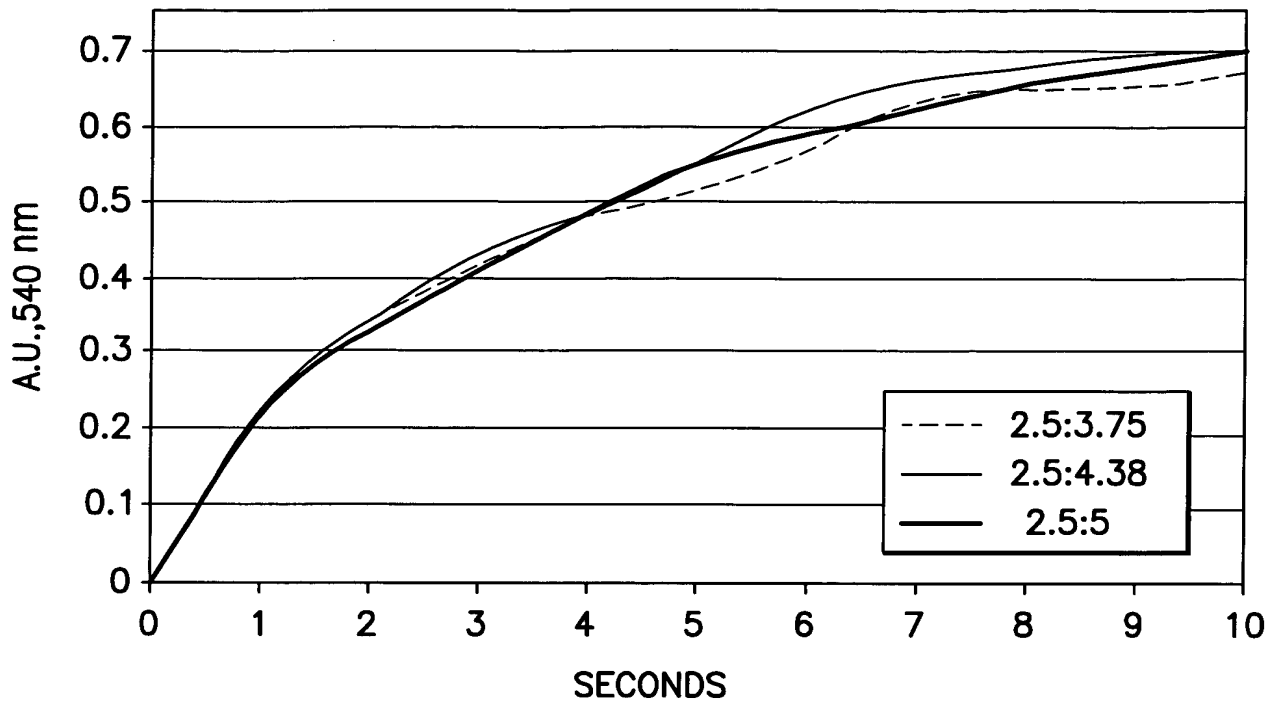


FIG.55

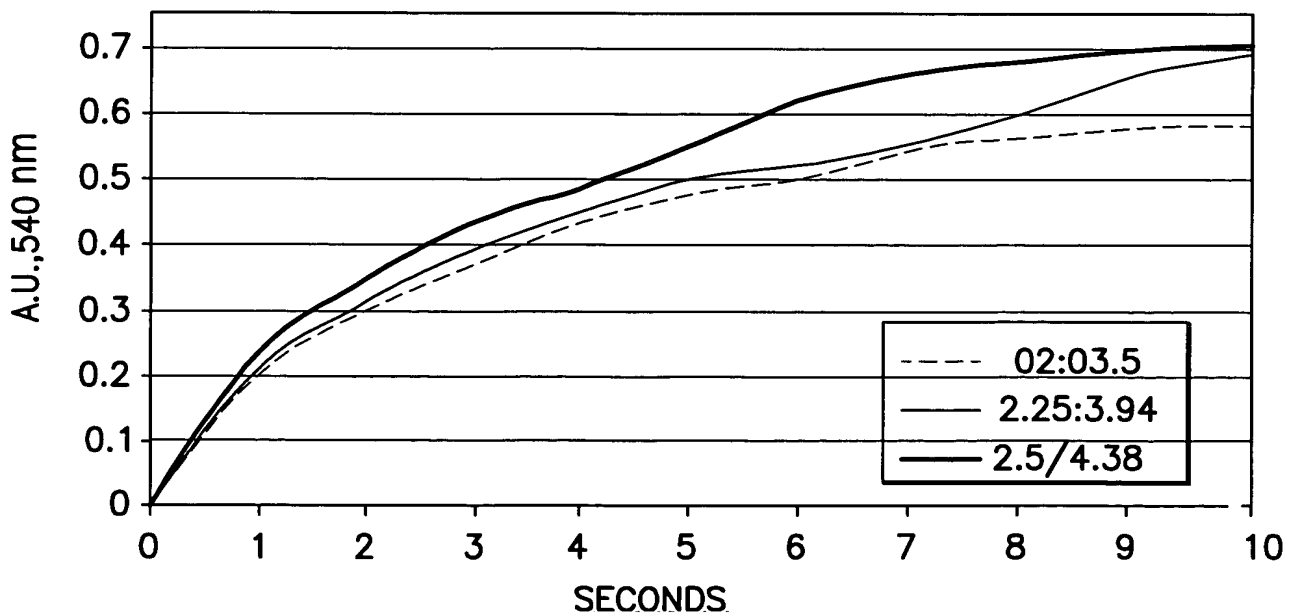
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"D" BULB 2.5% PAG COLORFORMATION TIMES



**FIG.56**

"D" BULB COLORFORMATION TIMES FOR VARIOUS PAG/CF RATIOS



**FIG.57**

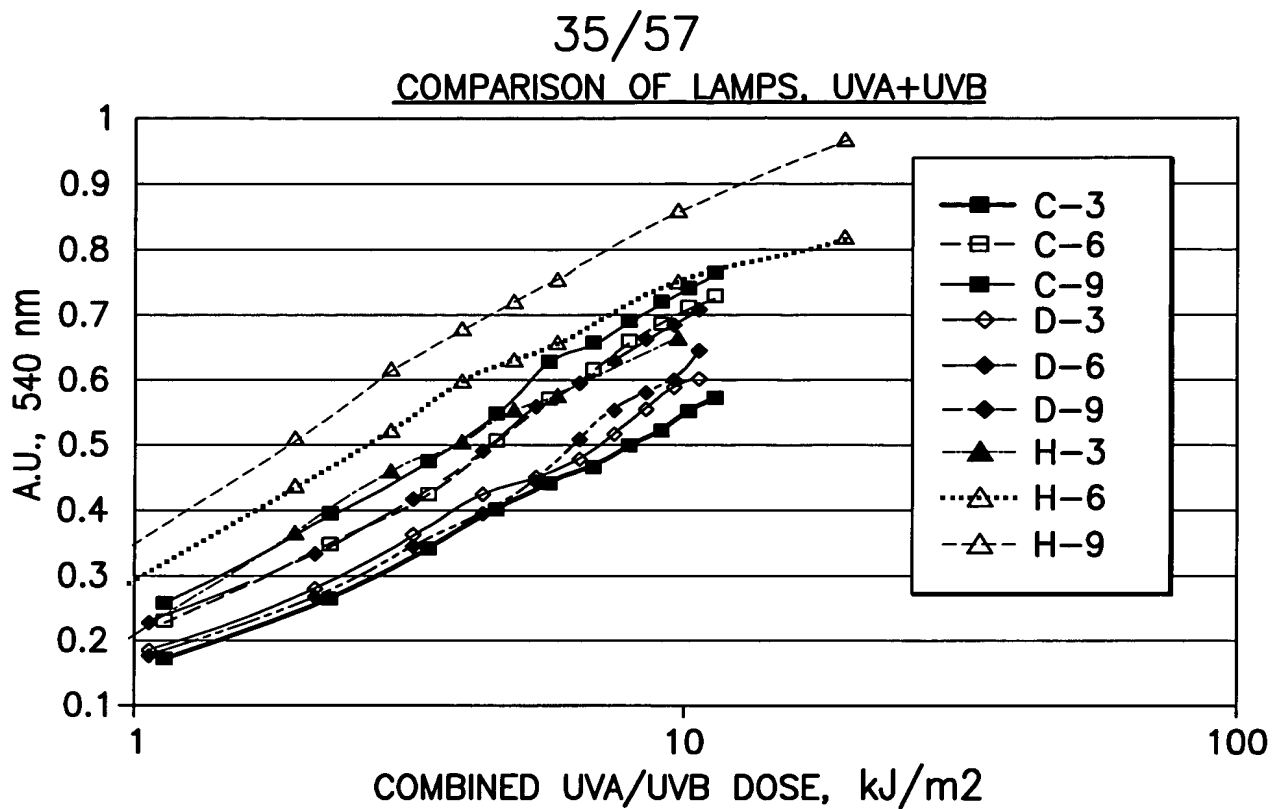


FIG.58

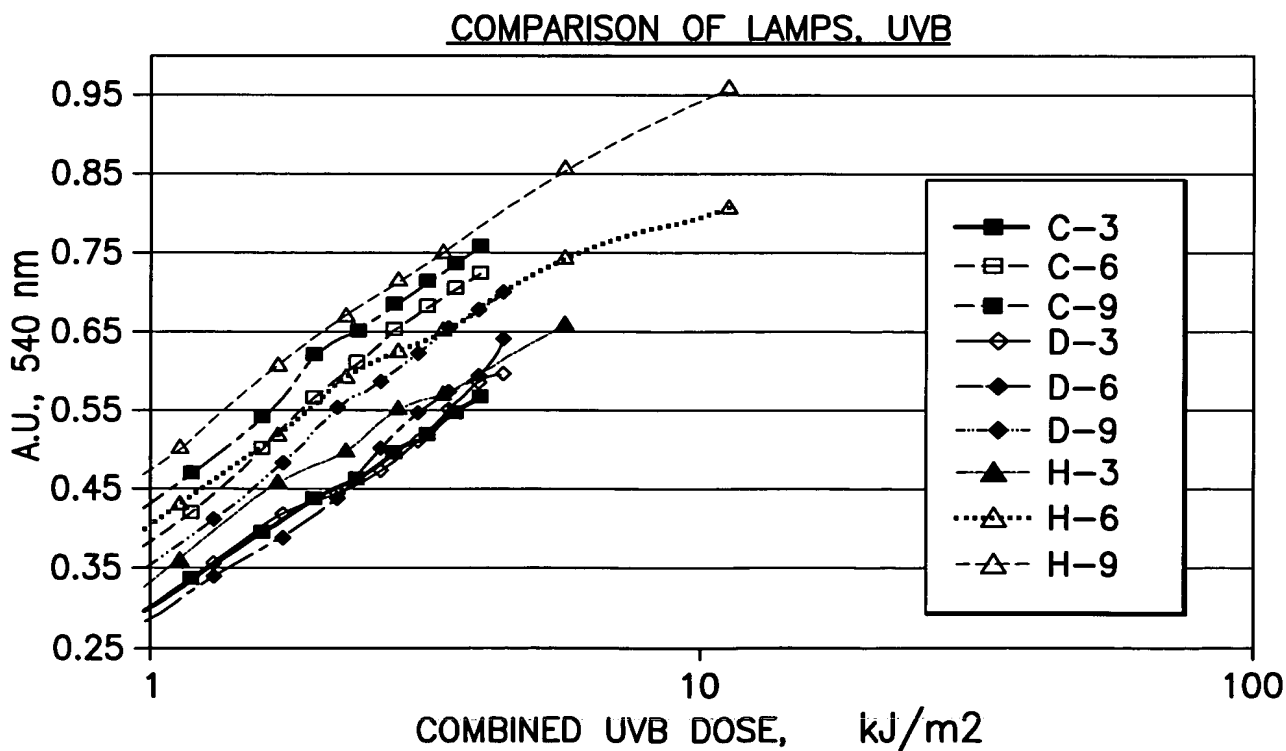
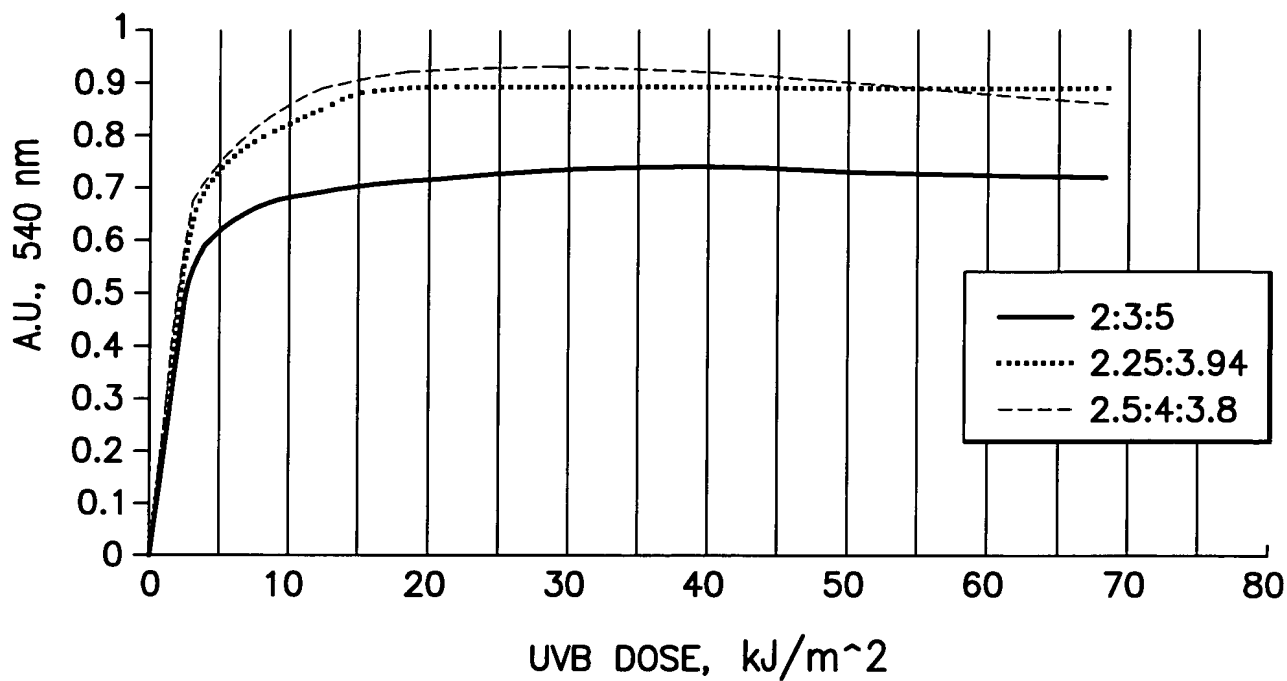


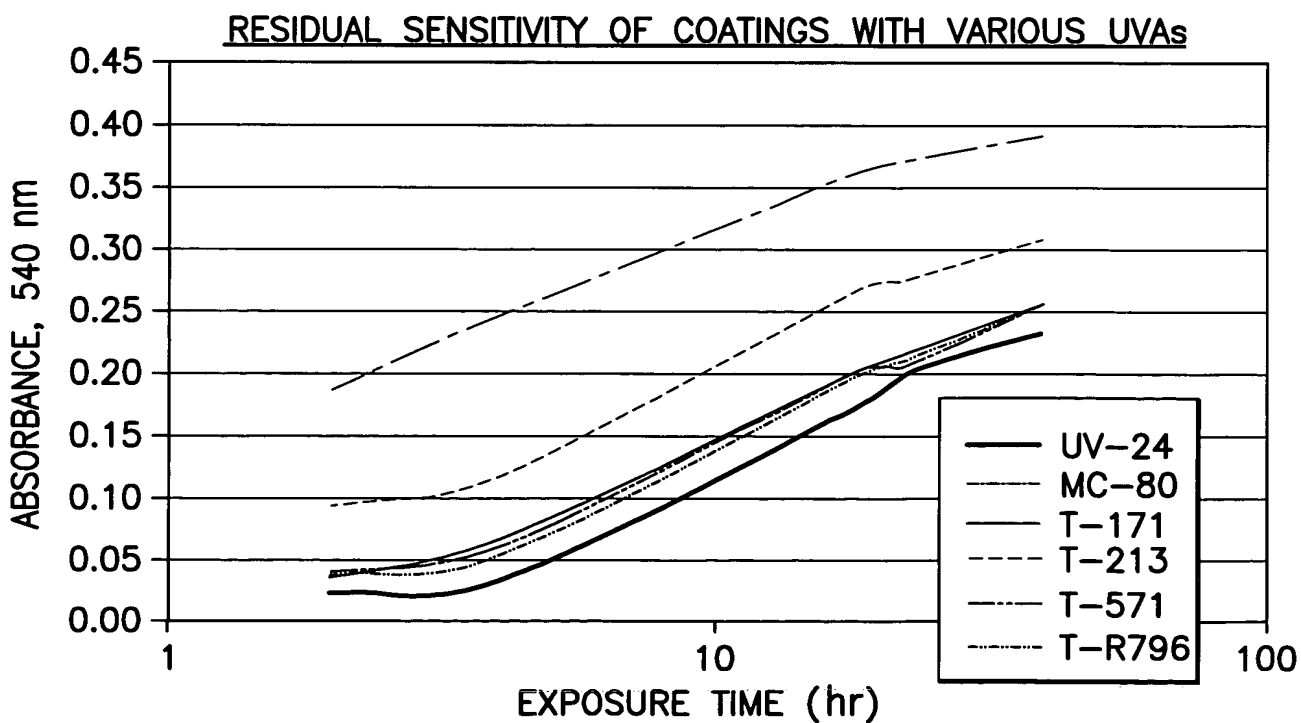
FIG.59

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HONLE "H" BULB LONG EXPOSURES



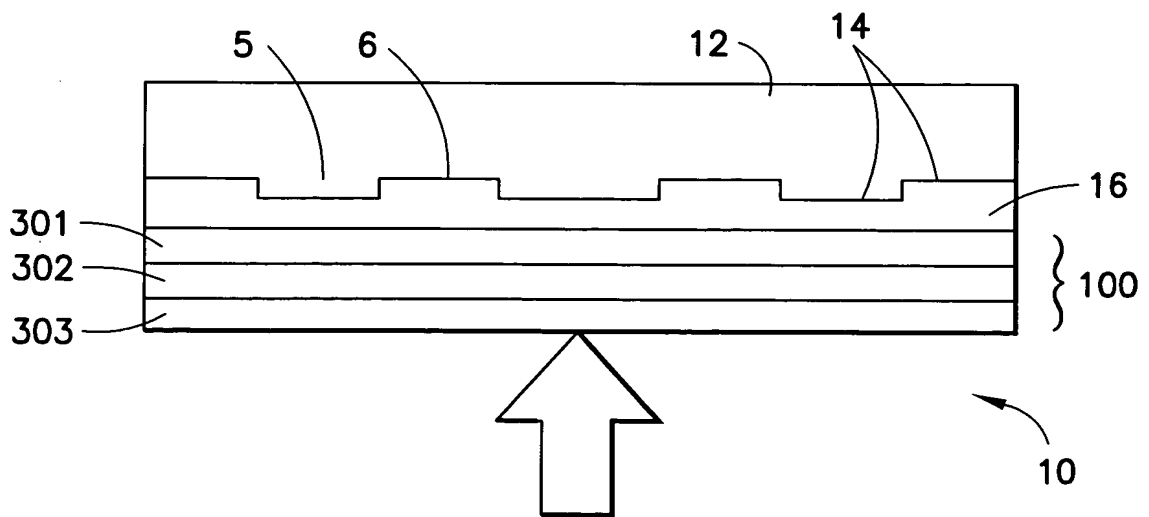
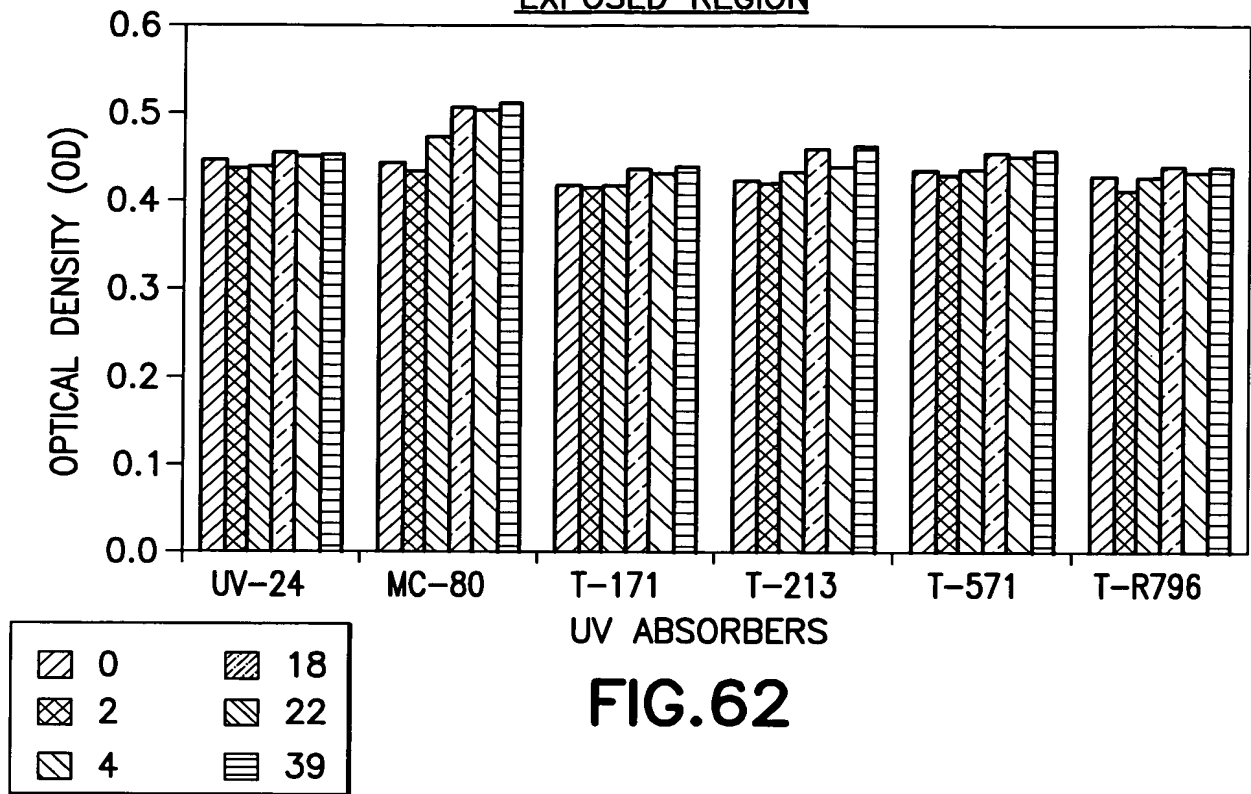
**FIG.60**



**FIG.61**

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OPTICAL DENSITY OF VARIOUS UV ABSORBERS IN  
EXPOSED REGION



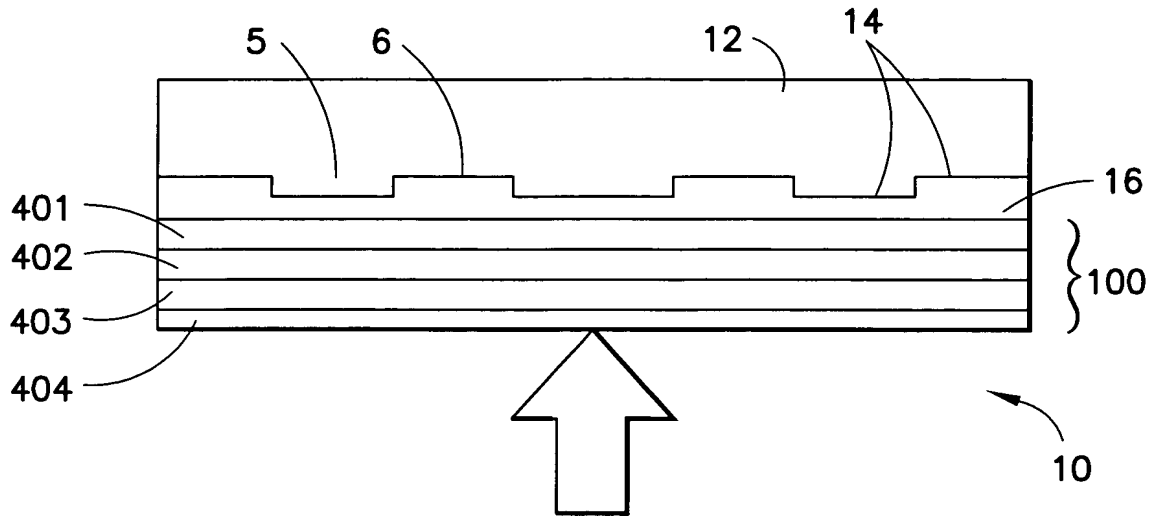


FIG. 64

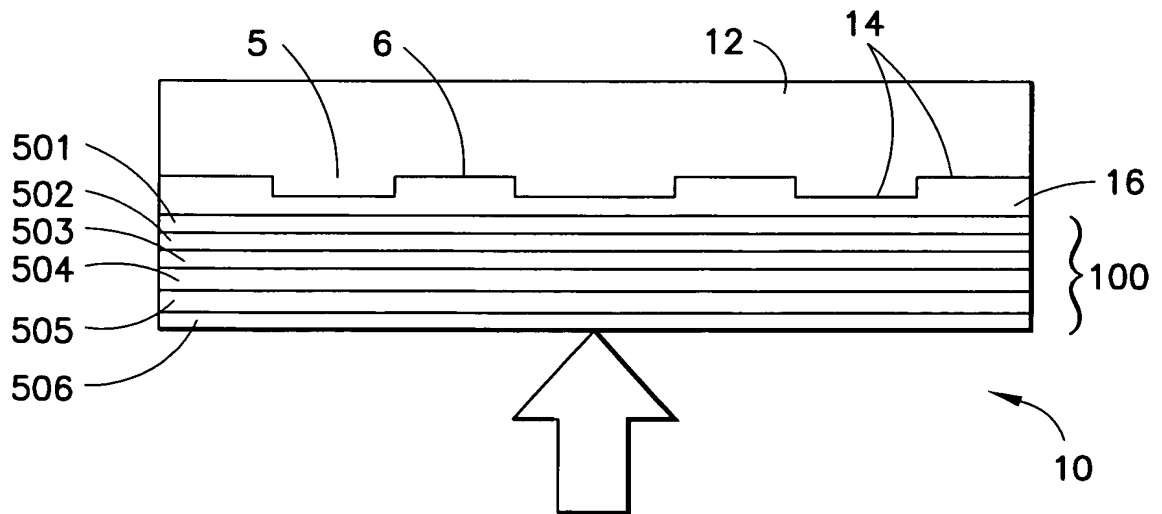
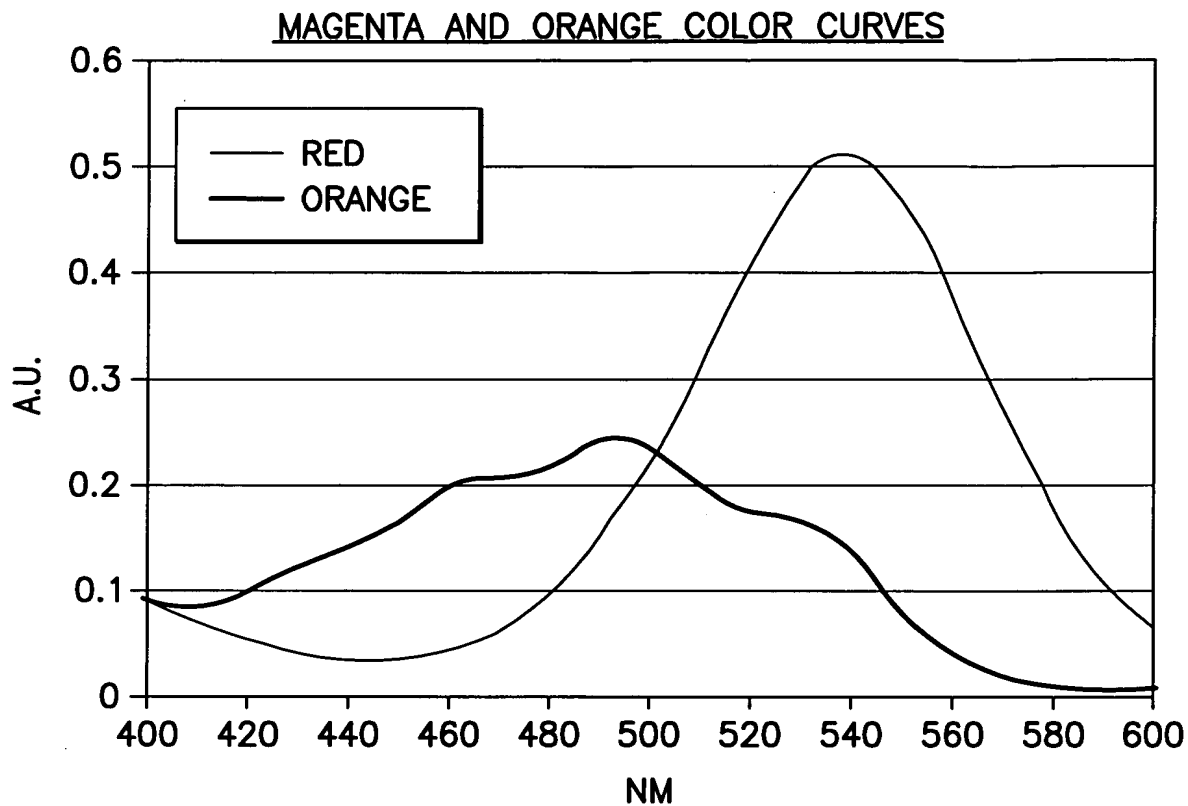
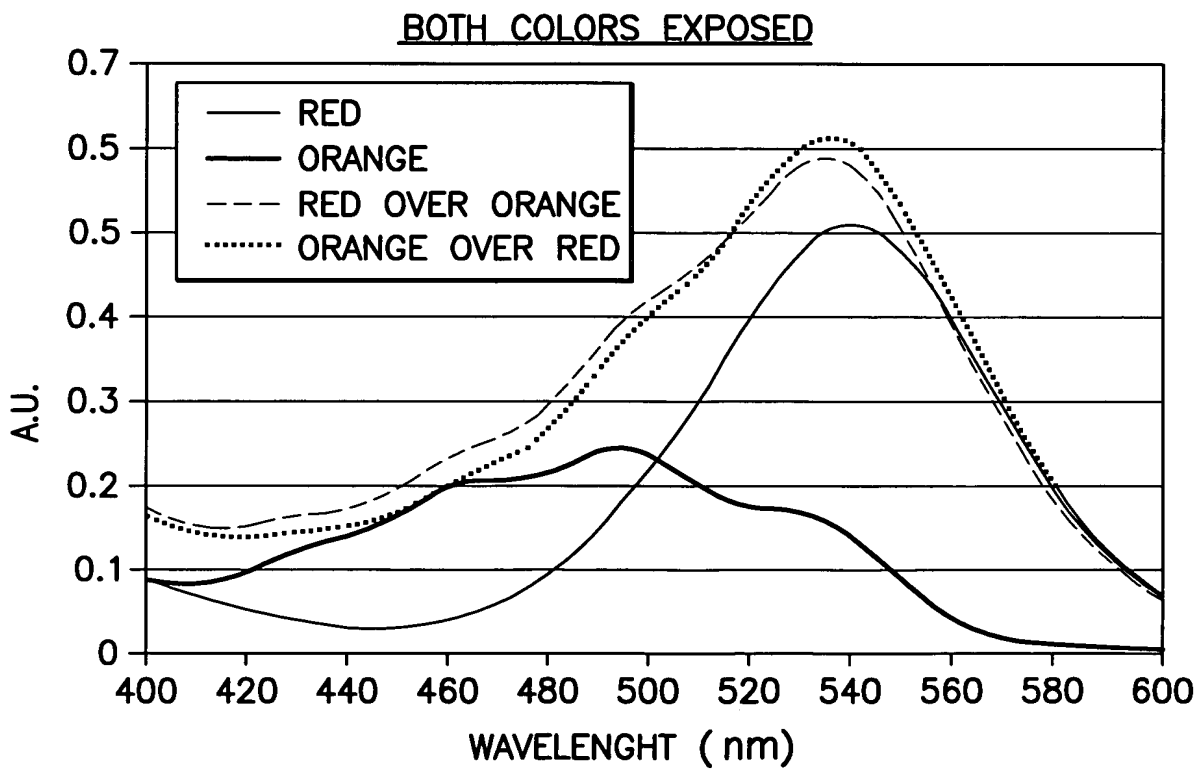


FIG. 65

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**FIG.66**



**FIG.67**

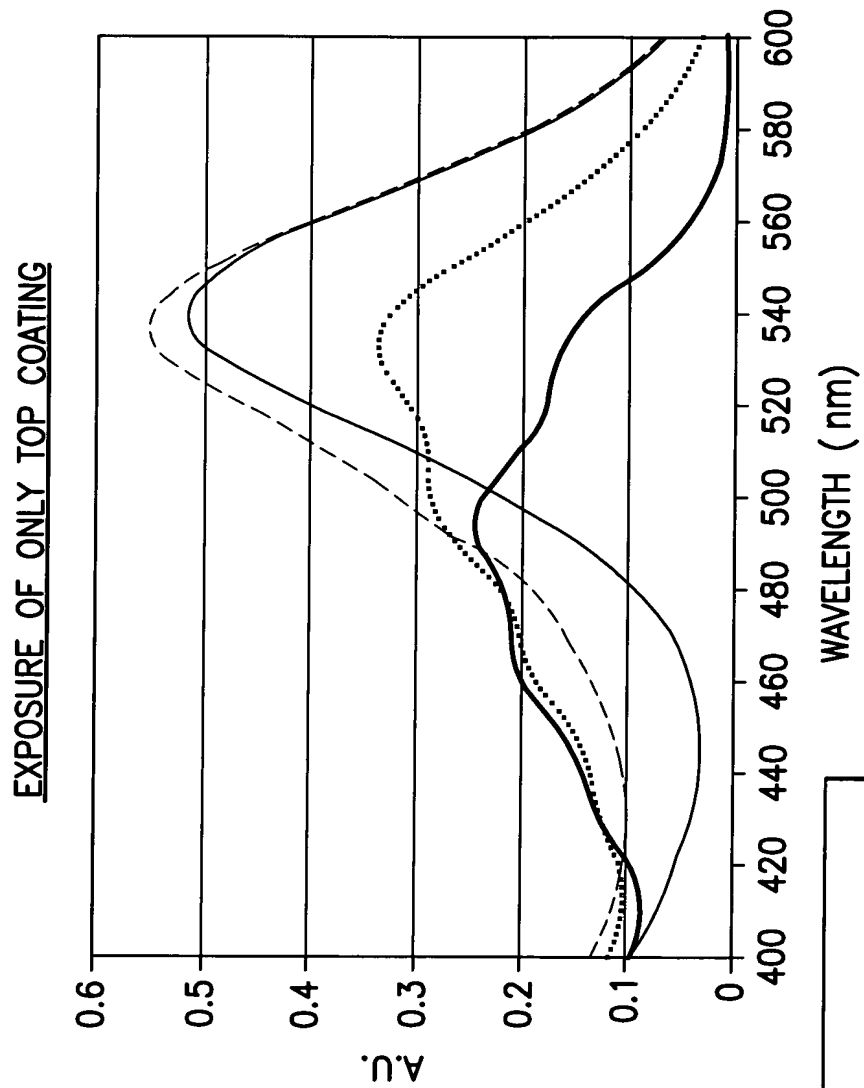
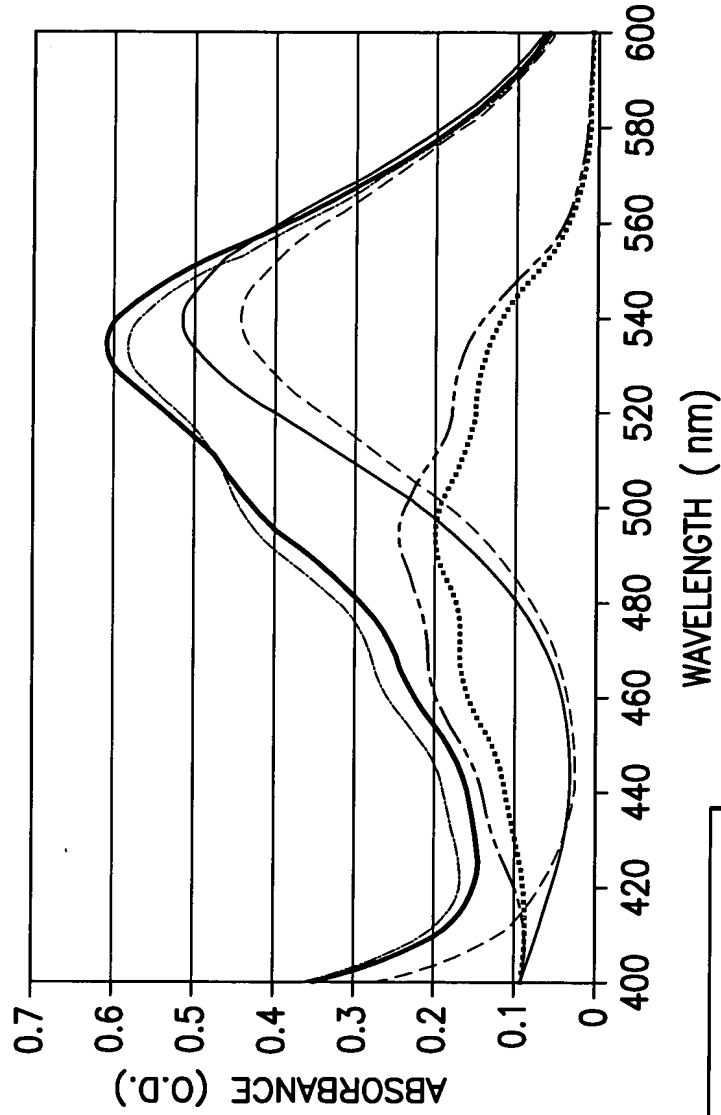


FIG.68



RED AND ORANGE MULTICOLOR DISC WITH UV BLOCKING LAYER



**FIG.69**

- ..... ORANGE OVER UNEXPOSED RED
- ORANGE OVER RED
- - - RED OVER UNEXPOSED ORANGE
- · - · RED OVER ORANGE
- — — RED
- - - ORANGE

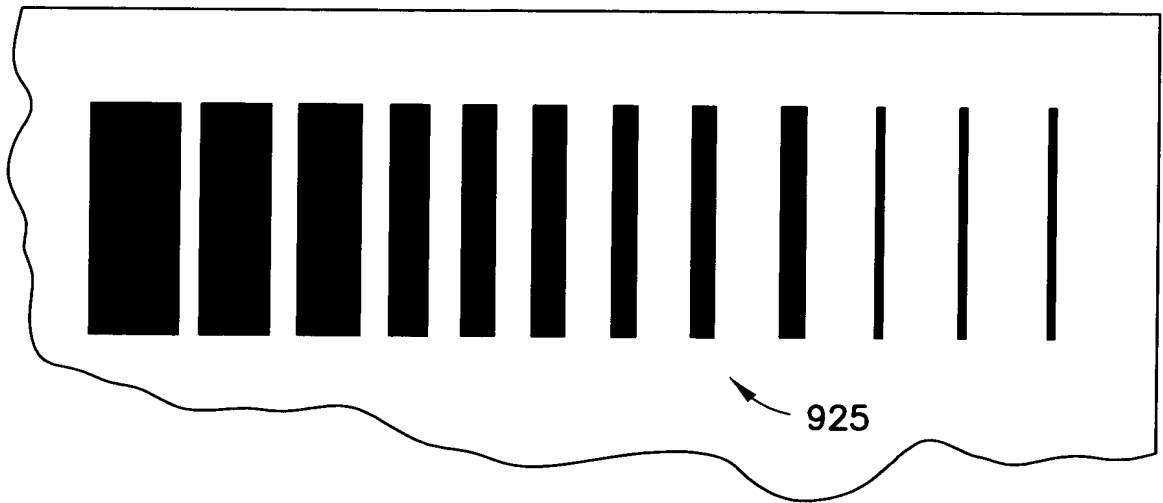


FIG. 70

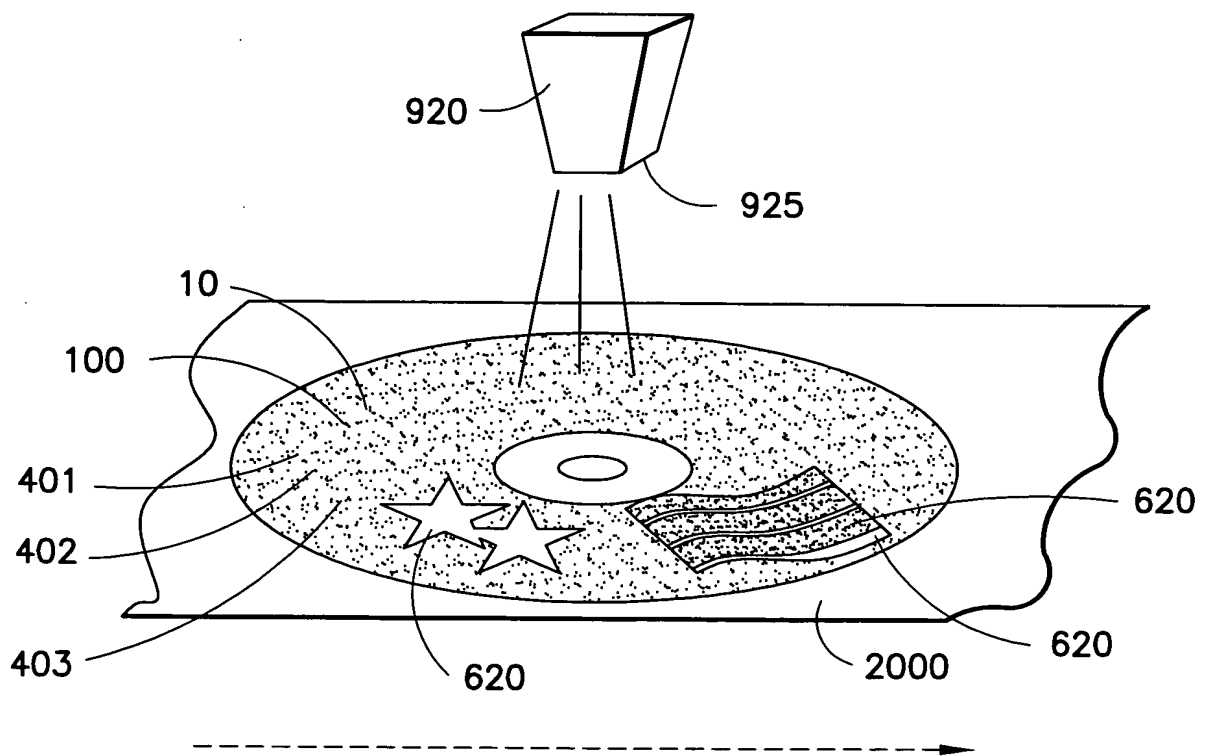


FIG. 71

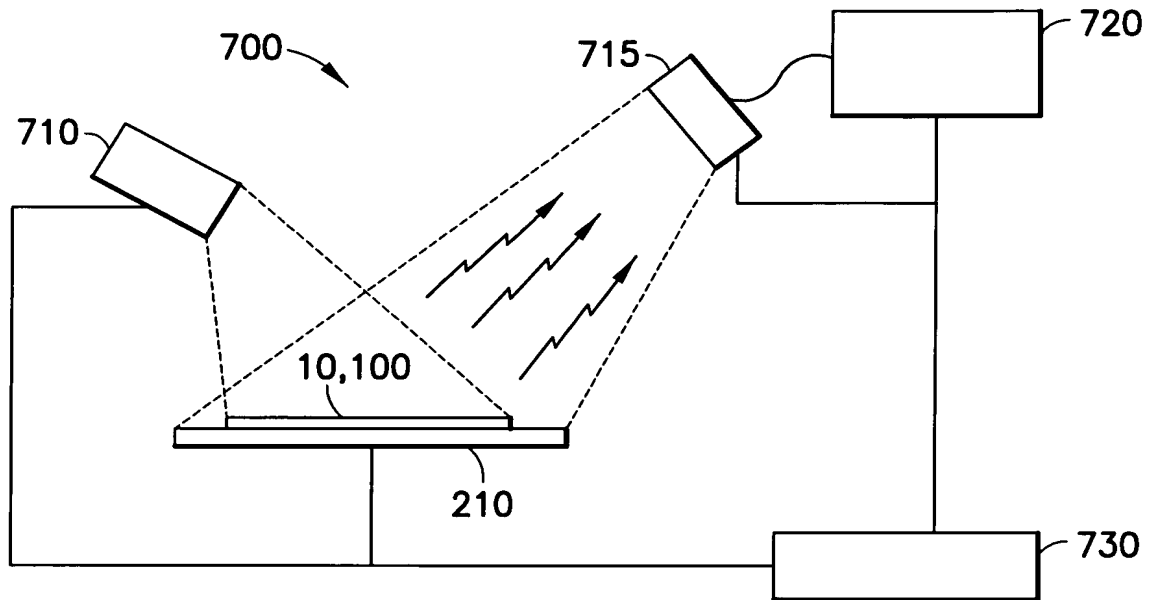


FIG. 72

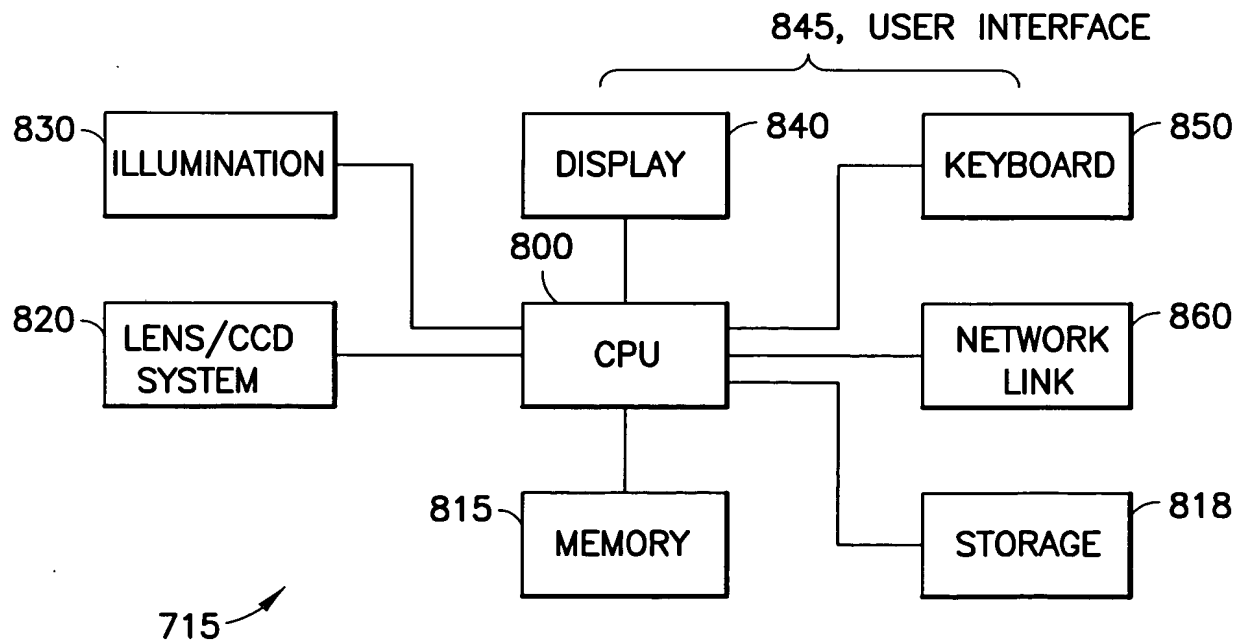


FIG. 73

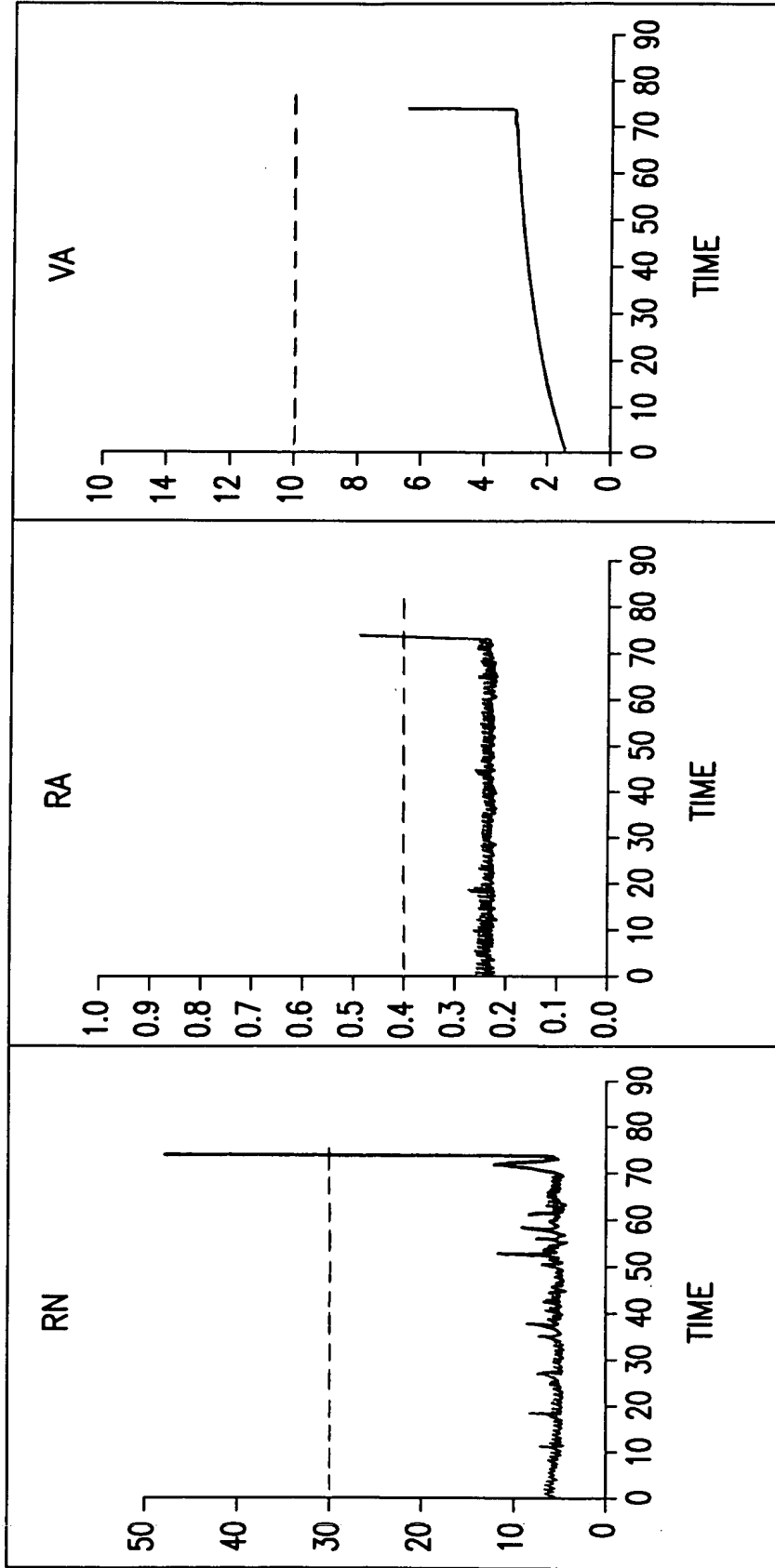


FIG.74A
FIG.74B

FIG.74

FIG.74A

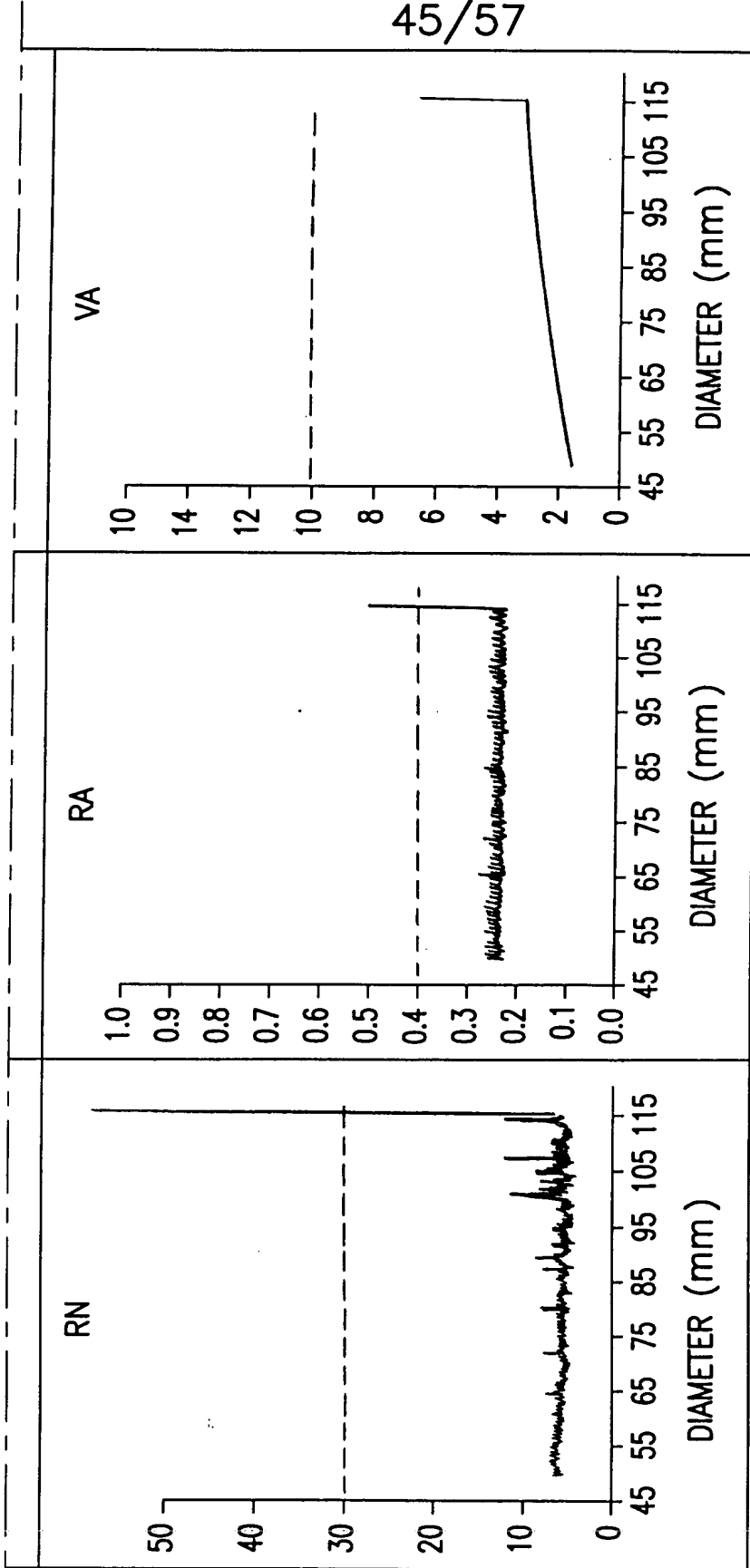


FIG.74B

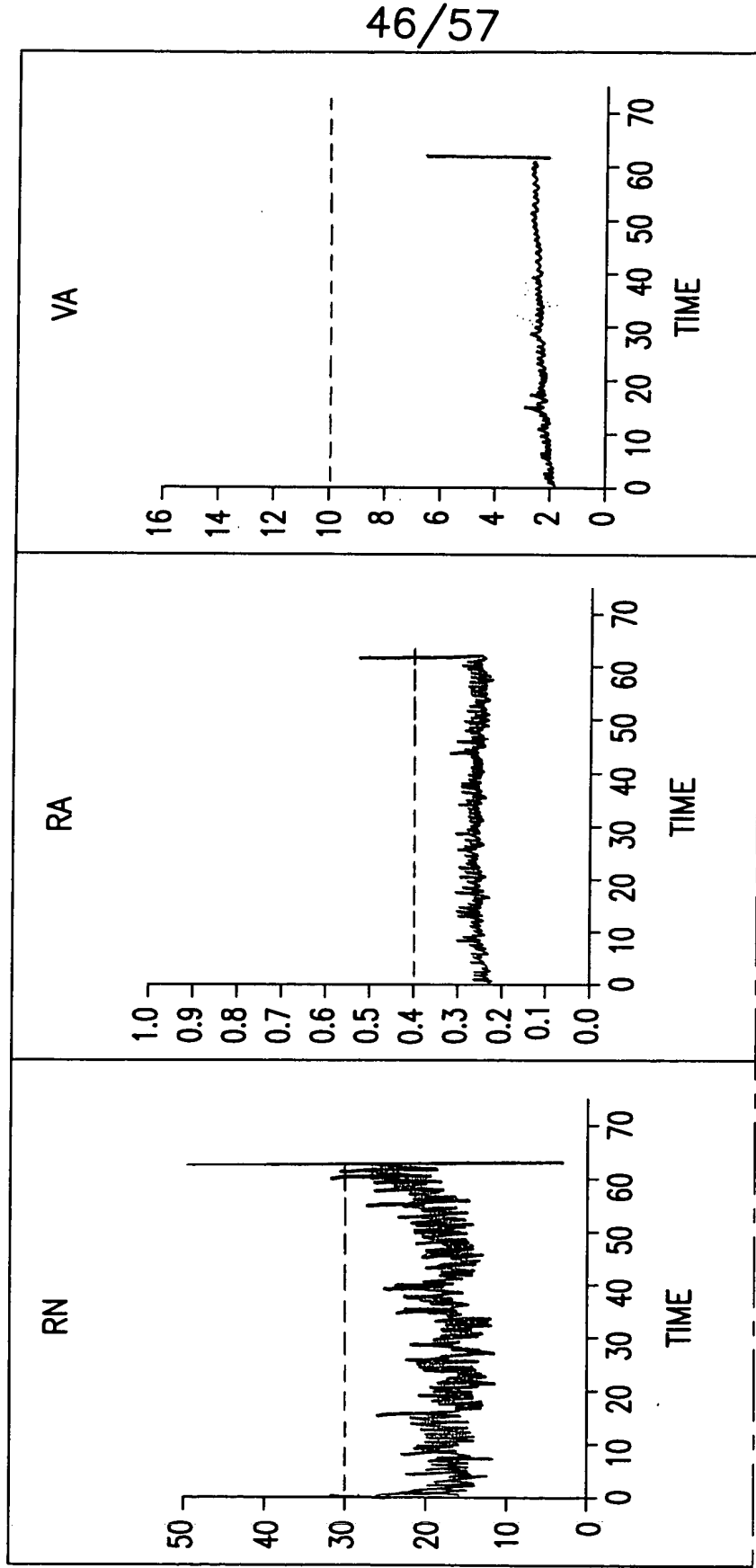


FIG.75A
FIG.75B

FIG.75A

FIG.75

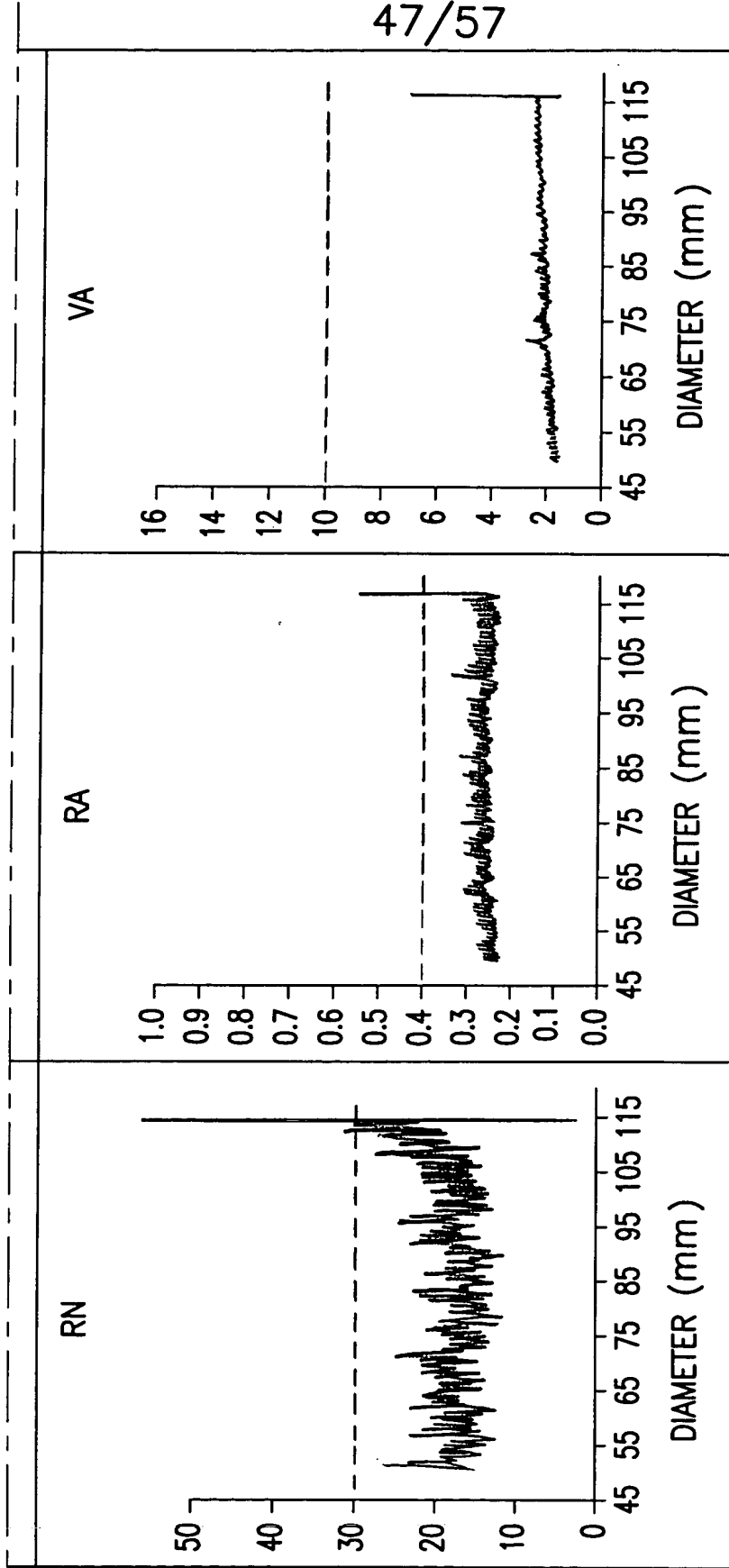


FIG.75B

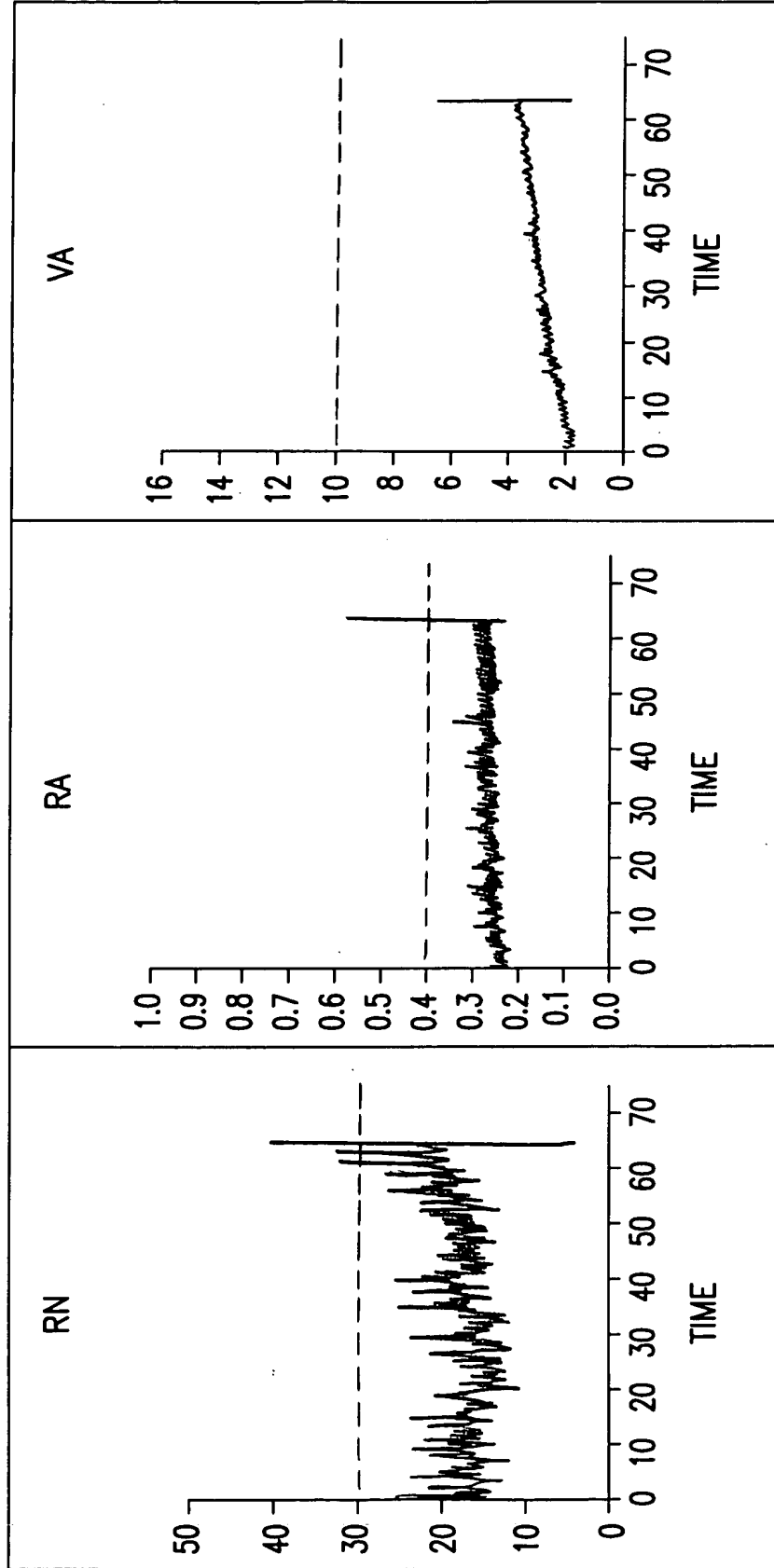


FIG.76A
FIG.76B

FIG.76A

FIG.76



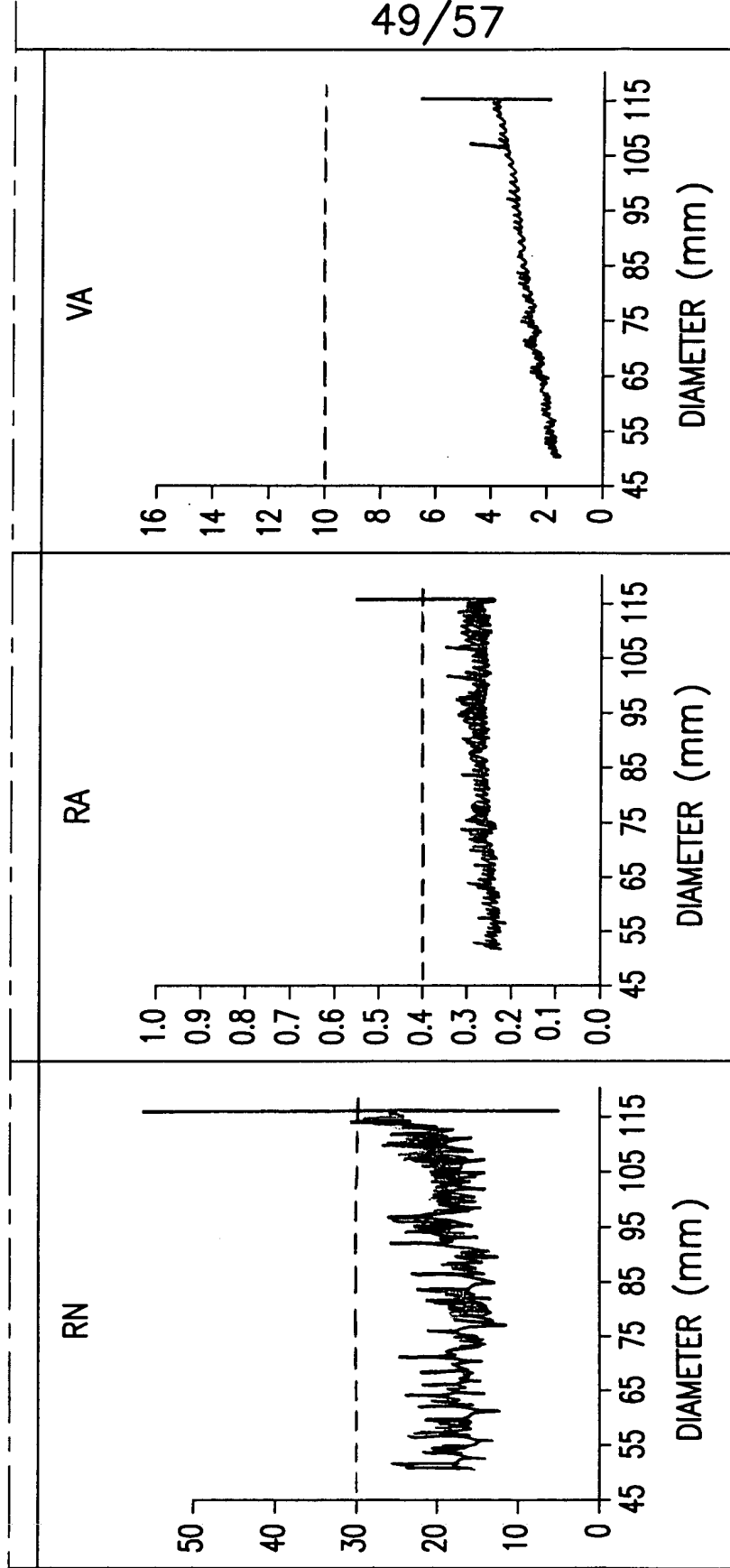


FIG.76B

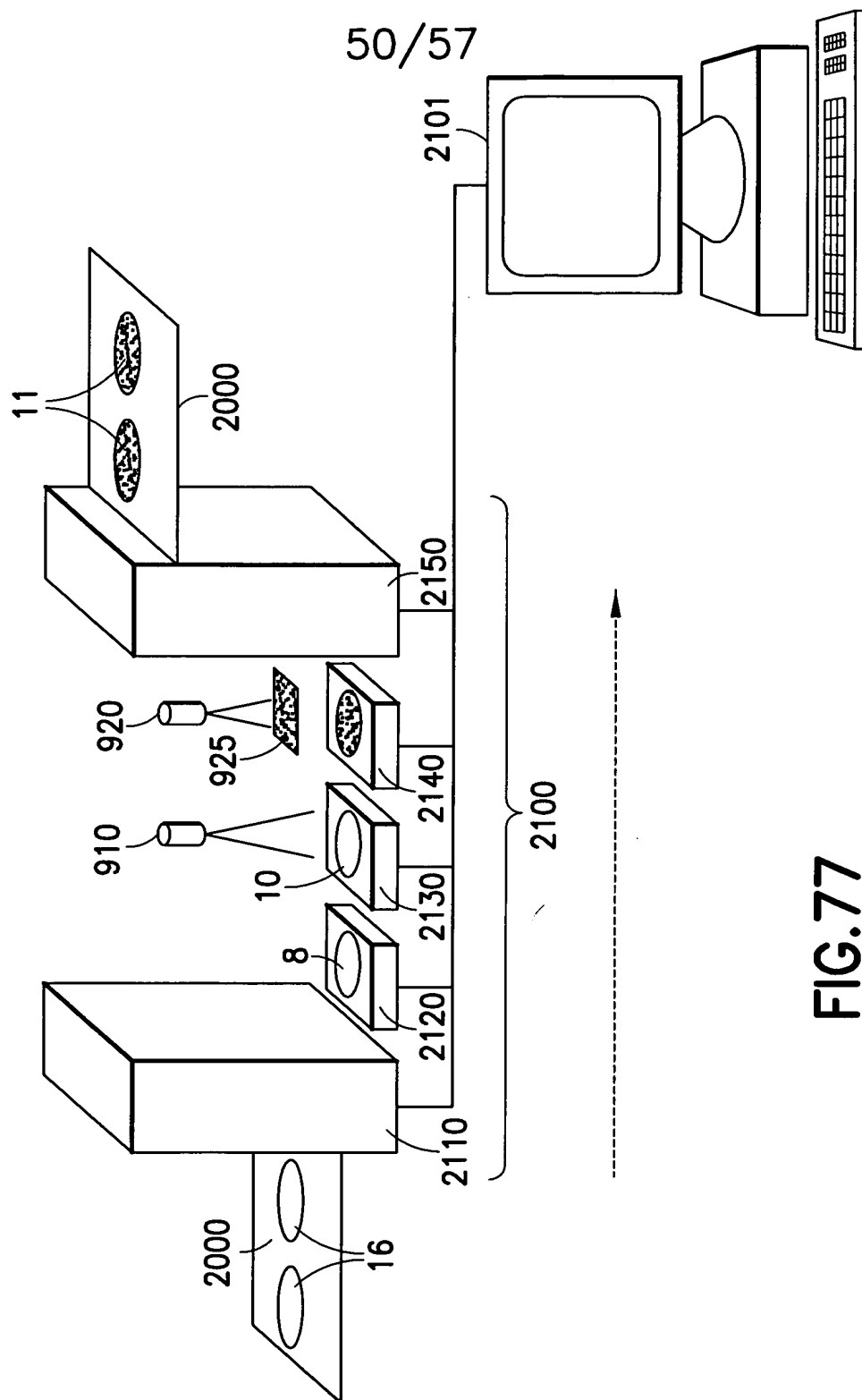


FIG.77

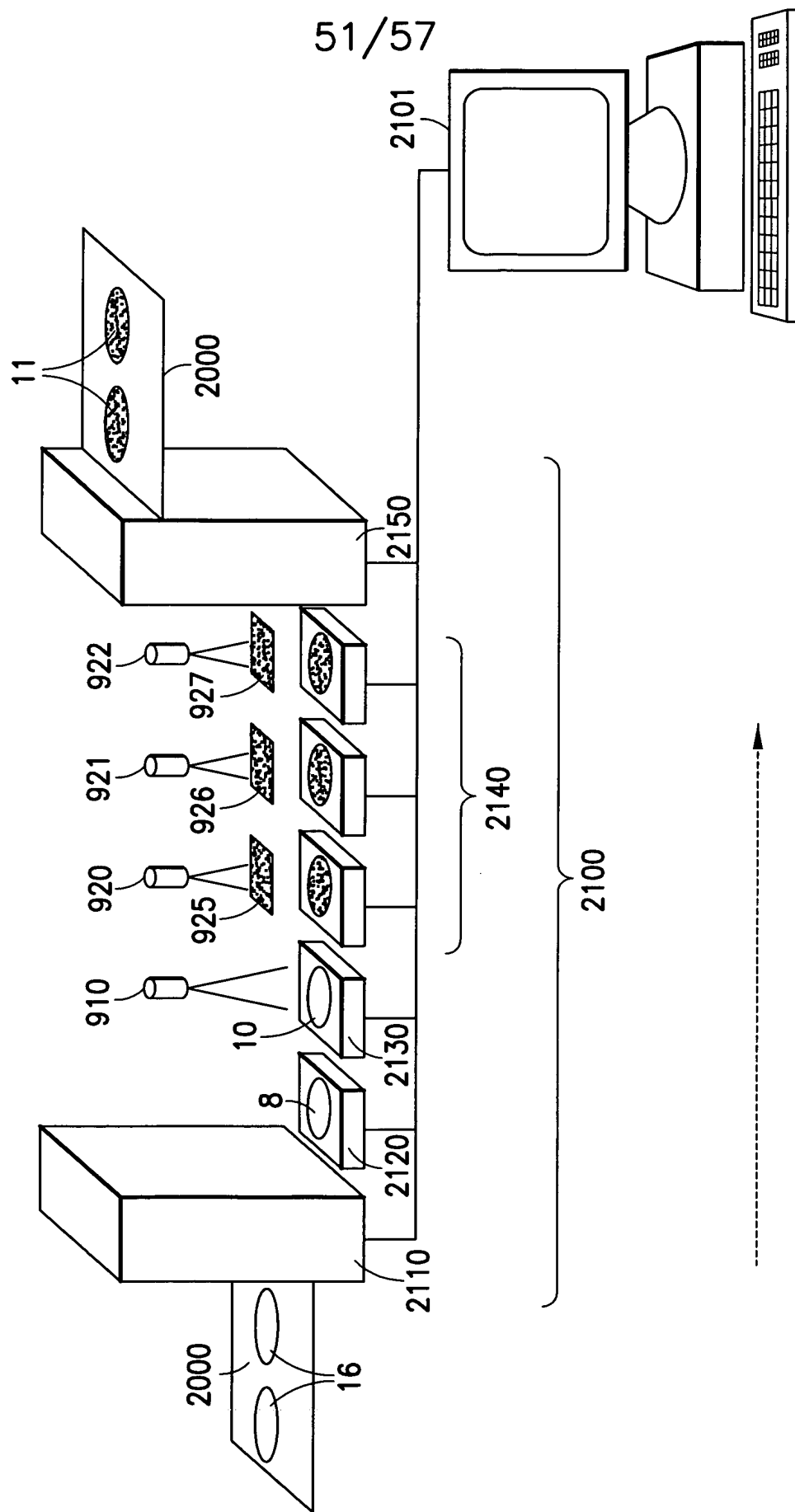


FIG. 78

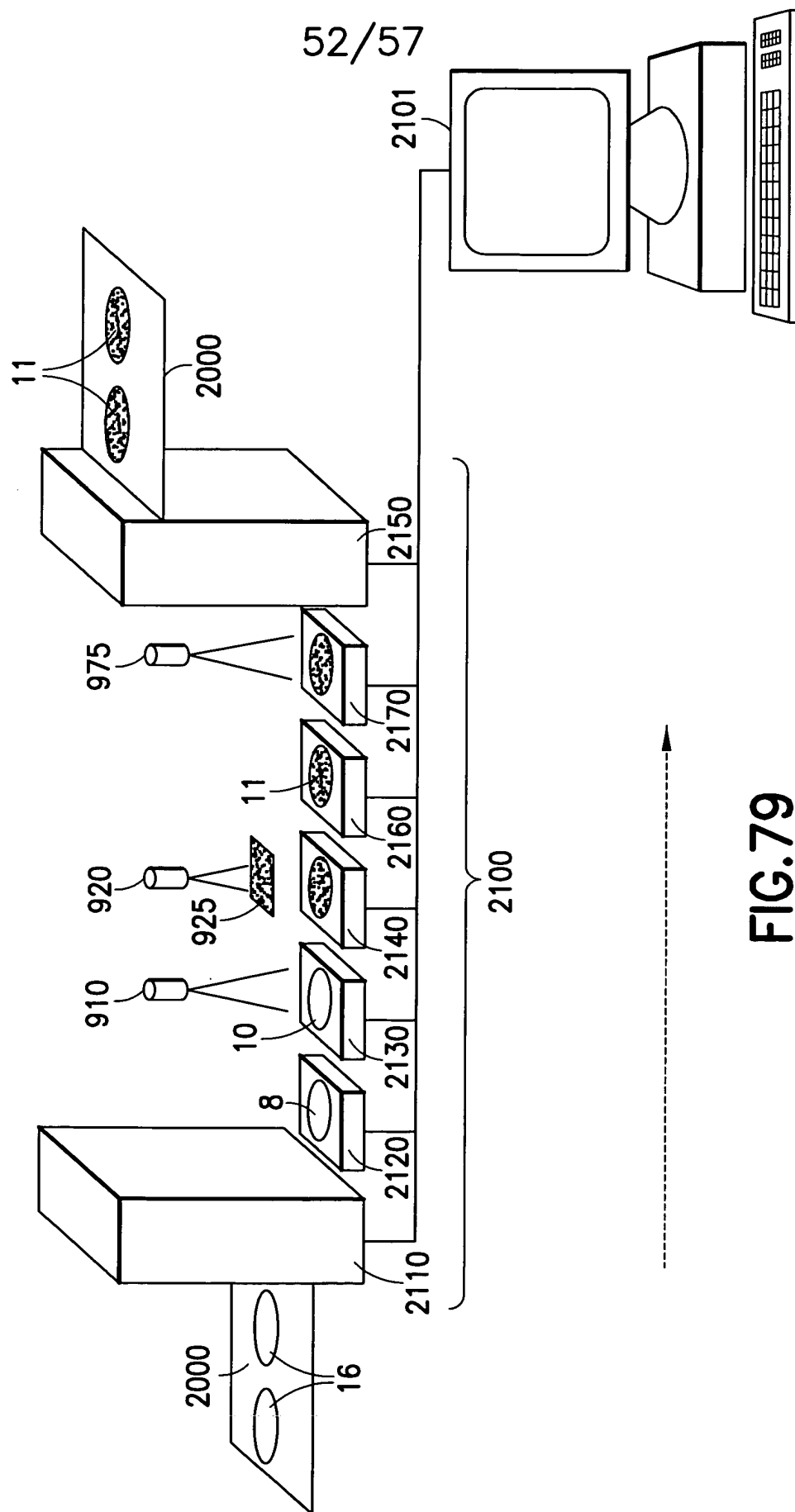


FIG. 79

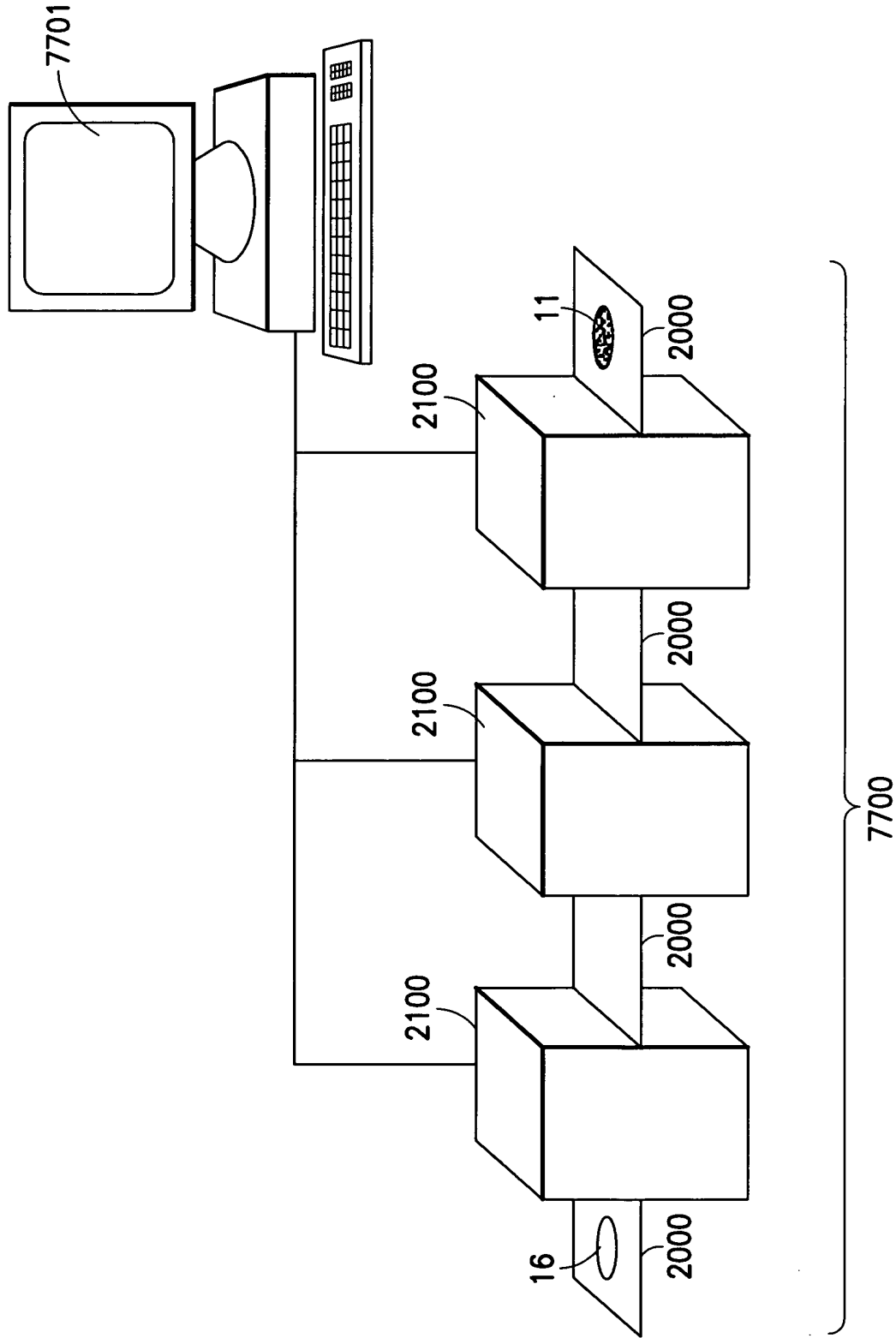


FIG.80

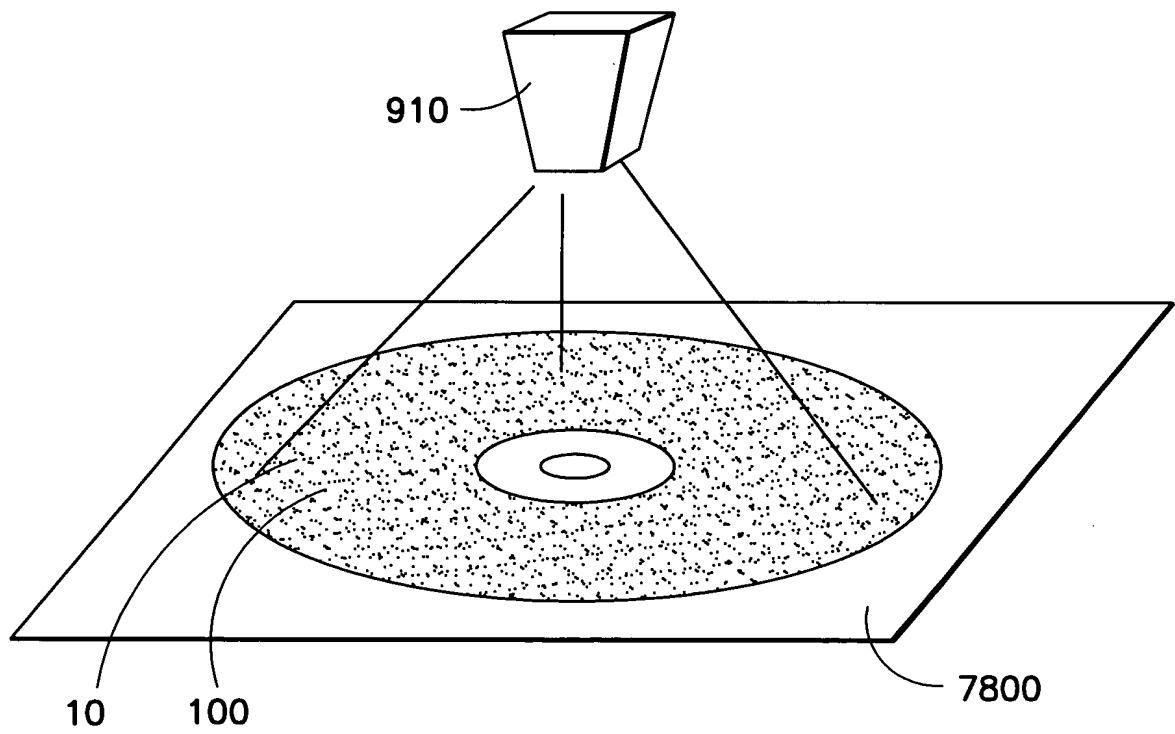


FIG. 81

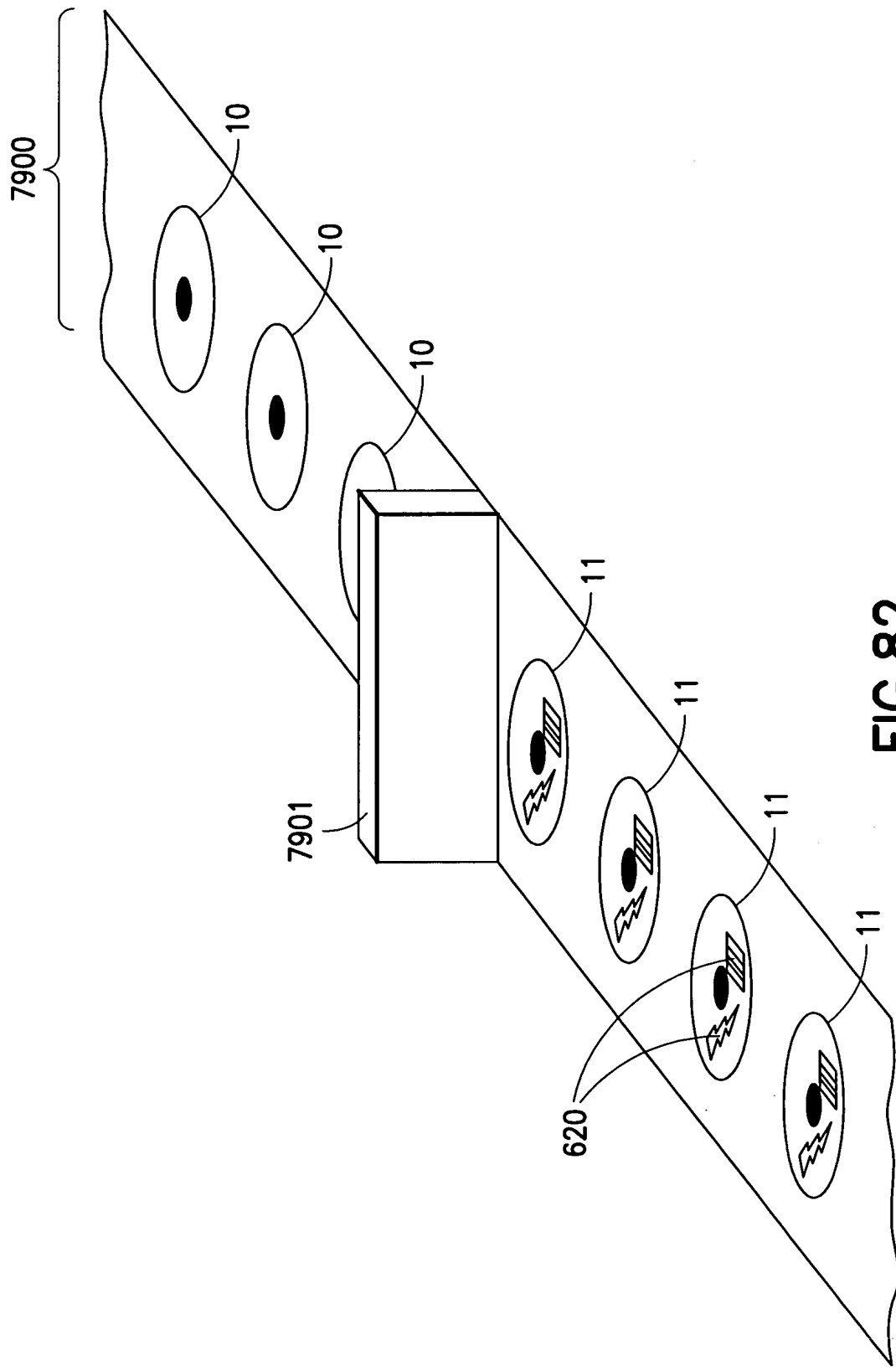


FIG. 82

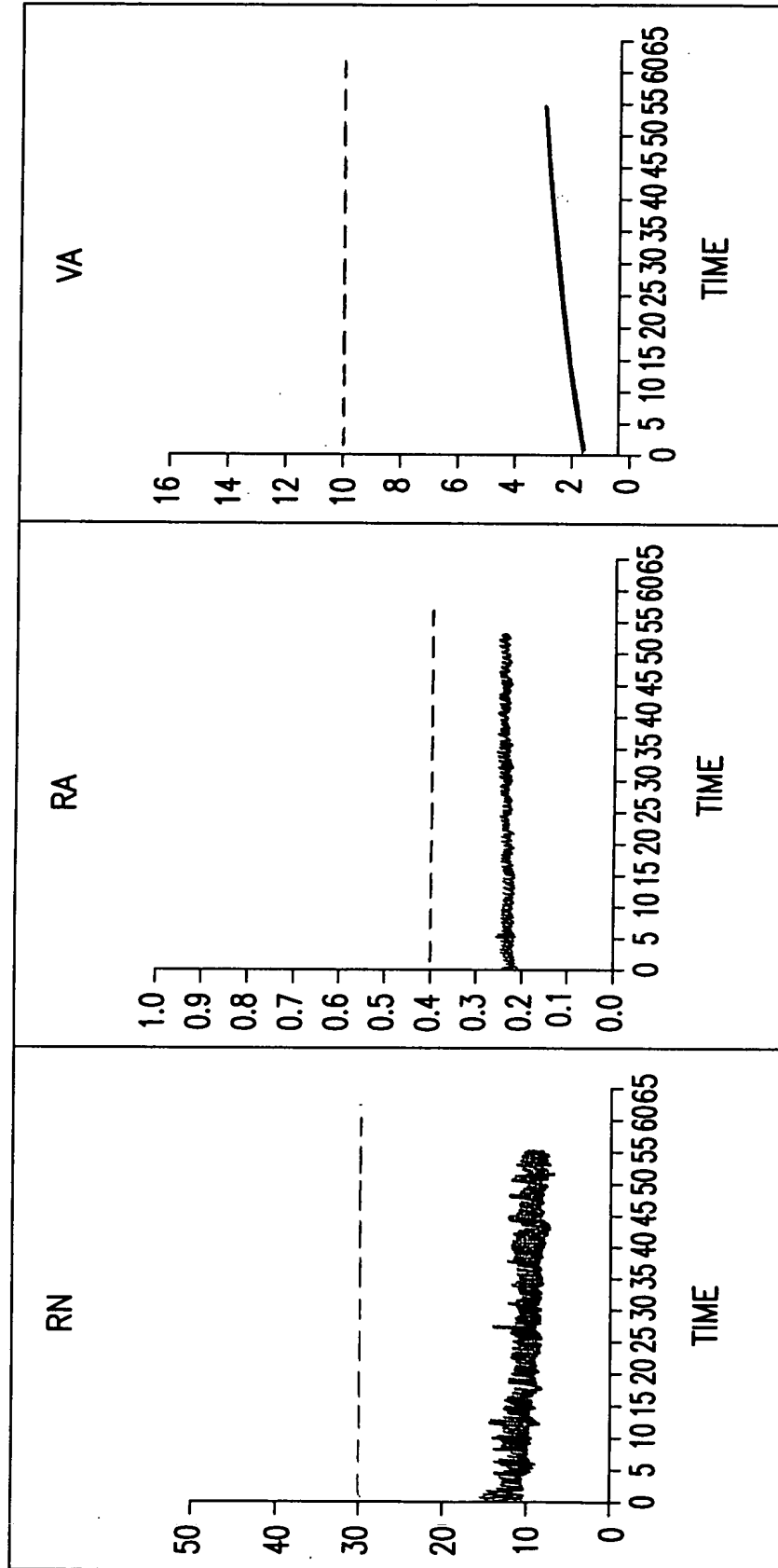


FIG.83A
FIG.83B

FIG.83

FIG.83A



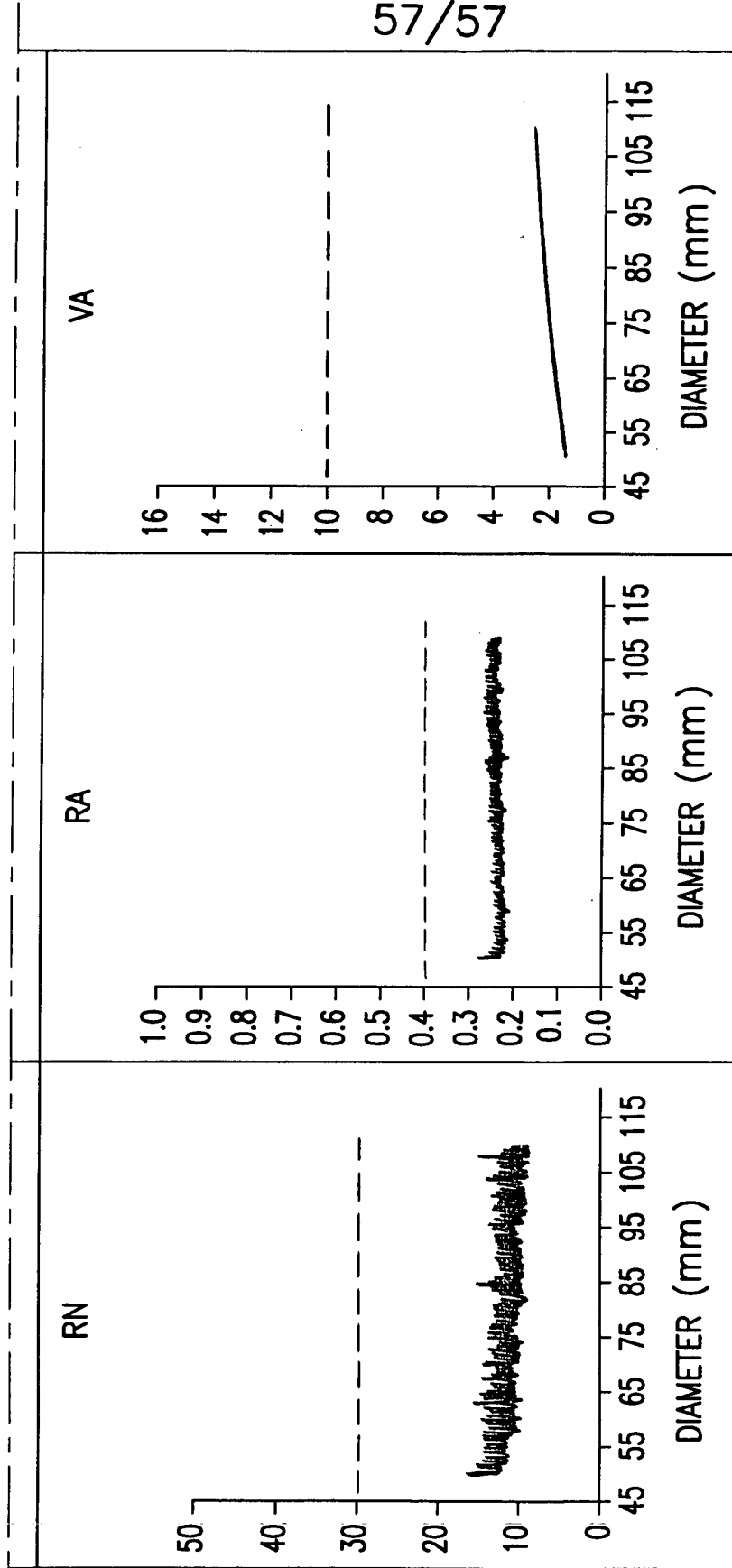


FIG.83B